

PR 20-APR-1999; 99WO-US008615.
 PR 14-MAY-1999; 99WO-US010733.
 PR 02-JUN-1999; 99WO-US012252.
 PR 01-SEP-1999; 99WO-US020111.
 PR 08-SEP-1999; 99WO-US020594.
 PR 13-SEP-1999; 99WO-US020944.
 PR 15-SEP-1999; 99WO-US021090.
 PR 15-SEP-1999; 99WO-US021547.
 PR 05-OCT-1999; 99WO-US023069.
 PR 29-NOV-1999; 99WO-US028214.
 PR 30-NOV-1999; 99WO-US028313.
 PR 30-NOV-1999; 99WO-US028409.
 PR 01-DEC-1999; 99WO-US028301.
 PR 01-DEC-1999; 99WO-US028634.
 PR 02-DEC-1999; 99WO-US028551.
 PR 02-DEC-1999; 99WO-US028564.
 PR 16-DEC-1999; 99WO-US028565.
 PR 16-DEC-1999; 99WO-US030095.
 PR 20-DEC-1999; 99WO-US030911.
 PR 20-DEC-1999; 99WO-US030999.
 PR 22-DEC-1999; 99WO-US030720.
 PR 30-DEC-1999; 99WO-US031243.
 PR 30-DEC-1999; 99WO-US031274.
 PR 05-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000377.
 PR 11-FEB-2000; 2000WO-US000376.
 PR 18-FEB-2000; 2000WO-US000431.
 PR 18-FEB-2000; 2000WO-US000432.
 PR 22-FEB-2000; 2000WO-US000414.
 PR 24-FEB-2000; 2000WO-US000491.
 PR 01-MAR-2000; 2000WO-US005004.
 PR 02-MAR-2000; 2000WO-US005601.
 PR 15-MAR-2000; 2000WO-US005746.
 PR 20-MAR-2000; 2000WO-US006884.
 PR 21-MAR-2000; 2000WO-US007377.
 PR 30-MAR-2000; 2000WO-US007532.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 11-AUG-2000; 2000WO-US022031.
 PR 23-AUG-2000; 2000WO-US023522.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 08-NOV-2000; 2000WO-US030352.
 PR 10-NOV-2000; 2000WO-US030873.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 20-DEC-2000; 2000US-00747259.
 PR 20-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001US-00796498.
 PR 28-FEB-2001; 2001WO-US006520.
 PR 01-MAR-2001; 2001WO-US006566.
 PR 09-MAR-2001; 2001US-00802706.
 PR 14-MAR-2001; 2001US-00806889.
 PR 22-MAR-2001; 2001US-00816744.
 PR 05-APR-2001; 2001US-00828366.
 PR 10-MAY-2001; 2001US-00854208.
 PR 18-MAY-2001; 2001US-00854280.
 PR 25-MAY-2001; 2001US-00860216.
 PR 25-MAY-2001; 2001US-00866528.
 PR 25-MAY-2001; 2001US-00866534.
 PR 01-JUN-2001; 2001US-00870592.
 PR 01-JUN-2001; 2001US-00872035.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 05-JUN-2001; 2001US-00874503.
 PR 14-JUN-2001; 2001US-00882636.
 PR 19-JUN-2001; 2001US-00886342.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 21-JUN-2001; 2001US-00887879.
 PR 22-JUN-2001; 2001WO-US020116.

PR 29-JUN-2001; 2001WO-US021056.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 18-JUL-2001; 2001US-00908827.
 PR 06-AUG-2001; 2001US-00924419.
 PR 09-AUG-2001; 2001US-00927796.
 PR 16-AUG-2001; 2001US-00931836.
 PR 19-DEC-2001; 2001US-00028072.
 XX (GETH) GENENTECH INC.
 PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX WPI; 2003-852599/79.
 DR N-PSDB; ADD53095.
 XX
 PT New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
 PT PRO4978, useful in chromosome and gene mapping, in generating antisense
 PT RNA and DNA, and in the treatment of cancer.
 XX
 PS Claim 12; Fig 402; 638pp; English.
 XX
 CC The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC the USPTO website at seqdata.uspto.gov.
 XX
 SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQDLALVFPQVAQSLCTLSQHVHTIRYGVSWTQQR 60
 DB 1 MACRCLSFLLMGTFLSVSTVLAQDLALVFPQVAQSLCTLSQHVHTIRYGVSWTQQR 60
 QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTIISPQPEDDADYCYSGYG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTIISPQPEDDADYCYSGYG 120
 QY 121 PSP 123
 |||

Db 121 FSP 123

RESULT 160

ADD53648

ID ADD53648 standard; protein; 123 AA.

XX

AC ADD53648;

XX

DT 15-JAN-2004 (first entry)

XX

DE Novel human secreted and transmembrane protein PRO619.

XX

KW Human; secreted and transmembrane protein; PRO;

KW Tumour necrosis factor alpha release; TNF-alpha release;

KW Glucose uptake modulator; FFA uptake modulator;

KW cell proliferation stimulator; cell differentiation stimulator;

KW cell differentiation inhibitor; cytokine release stimulator; tumour;

KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;

KW cervical tumour; liver tumour; chromosome mapping; gene mapping;

KW gene therapy; chromosome identification; chromosome marker.

XX

OS Homo sapiens.

XX

PN US2003203437-A1.

XX

PD 30-OCT-2003.

XX

PF 15-MAY-2002; 2002US-00146728.

XX

PR 01-JUL-1998; 98US-0091360P.

PR 02-JUN-1999; 99WO-US012252.

PR 01-DEC-2000; 2000US-00380137.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX

PA (GETH) GENENTECH INC.

XX

PI Baker KP, Bersini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen MF, Goddard A, Godowski P, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX

DR WPI; 2003-875644/81.

DR N-PSDB; ADD53647.

XX

XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or

PT PRO4978, useful in molecular biology, chromosome and gene mapping, in

PT generating antisense RNA and DNA, and in gene therapy.

XX

PS Claim 12; SEQ ID NO 402; 659pp; English.

XX

CC The invention describes 305 nucleic acids encoding PRO (secreted and

CC transmembrane) polypeptides (I). (I) is useful for stimulating the

CC release of TNF-alpha from human blood, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating the proliferation or differentiation of chondrocyte cells,

CC for stimulating the proliferation of or gene expression in pericyte

CC cells, for stimulating the release of proteoglycans from cartilage, for

CC stimulating the proliferation of inner ear utricular supporting cells,

CC for stimulating the proliferation of T-lymphocyte cells, for stimulating

CC the release of a cytokine from PBMC cells, for inhibiting the binding of

CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte

CC cells, for stimulating proliferation of endothelial cells, for detecting

CC the presence of tumour in a mammal. The tumour is lung, colon, breast,

CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes

CC are useful for isolating genomic and cDNA nucleotide sequences or

CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful

CC in assays to identify other proteins or molecules involved in binding

CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome

CC and gene mapping, in generation of antisense RNA and DNA, in the

CC preparation of PRO polypeptide, for generating transgenic animals or

CC knockout animals which in turn are useful in the development and

CC screening of therapeutically useful reagents, in gene therapy, for

CC chromosome identification, as chromosome marker, and for generating

CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.

CC detecting its expression in specific cells, tissues or serum, and for

CC affinity purification of PRO from recombinant cell culture or natural

CC sources. (I) and (II) are useful for tissue typing. This is the amino

CC acid sequence of a novel human secreted and transmembrane PRO

CC polypeptide.

XX

XX Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;

Best Local Similarity 100.0%; Pred. NO. 4.3e-62;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACCLSLFLMGTLSVSQTVLAQLDALLVFPQVLAQLSCTLSFQHVITRDYGVSWYQQR 60

Db 1 MACCLSLFLMGTLSVSQTVLAQLDALLVFPQVLAQLSCTLSFQHVITRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYVCVGYG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYVCVGYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 161

ADD55090

ID ADD55090 standard; protein; 123 AA.

AC ADD55090;

DT 15-JAN-2004 (first entry)

DE Human PRO polypeptide #25.

XX Human; PRO; pancreatic beta-cell precursor cell; pancreatic beta-cell;

KW insulin deficiency; diabetes mellitus; haemoglobin-associated disorder;

KW thalassaemia; endothelial cell growth; cancer; cystic renal dysplasia;

KW polycystic kidney disease; renal tumour; antidiabetic; antianemic;

KW cycostatic; cardiast; vulnary; antiinflammatory; anorectic.

XX Homo sapiens.

XX US2003077593-A1.

XX 24-APR-2003.

XX 19-NOV-2001; 2001US-00989328.

XX 16-JUN-1997; 97US-0049787P.

XX 17-OCT-1997; 97US-0082250P.

XX 05-NOV-1997; 97WO-US020069.

XX 12-NOV-1997; 97US-0065186P.

XX 13-NOV-1997; 97US-0065311P.

XX 24-NOV-1997; 97US-0066770P.

XX 25-FEB-1998; 98US-0075945P.

XX 20-MAR-1998; 98US-0078910P.

XX 28-APR-1998; 98US-0083322P.

XX 07-MAY-1998; 98US-0084600P.

XX 02-JUN-1998; 98US-0087607P.

XX 02-JUN-1998; 98US-0087609P.

XX 03-JUN-1998; 98US-0087759P.

XX 04-JUN-1998; 98US-0087827P.

XX 04-JUN-1998; 98US-0088025P.

XX 04-JUN-1998; 98US-0088026P.

XX 04-JUN-1998; 98US-0088028P.

XX 04-JUN-1998; 98US-0088029P.

XX 04-JUN-1998; 98US-0088030P.

XX 04-JUN-1998; 98US-0088033P.


```
PR 30-MAR-2000; 2000WO-US008439.
PR 15-MAY-2000; 2000WO-US013358.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 23-JUN-2000; 2000US-0213637P.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US020311.
PR 23-AUG-2000; 2000WO-US023522.

Query Match      100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFELSVSQTVLQAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFELSVSQTVLQAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPRFSAAKDEAHNACVLTISPQPEDDADYICSVGVG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPRFSAAKDEAHNACVLTISPQPEDDADYICSVGVG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 162
ADD56048
ID ADD56048 standard; protein; 123 AA.
XX
AC ADD56048;
XX
DT 15-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #25.
XX
KW Human; PRO; pancreatic beta-cell precursor cell; pancreatic beta-cell;
KW insulin deficiency; diabetes mellitus; haemoglobin-associated disorder;
KW thalassemia; endothelial cell growth; cancer; cystic renal dysplasia;
KW polycystic kidney disease; renal tumour; antidiabetic; antianaemic;
KW cytostatic; cardiac; vulnary; antiinflammatory; anorectic.
XX
OS Homo sapiens.
XX
PN US2003077594-A1.
XX
PD 24-APR-2003.
XX
PF 14-NOV-2001; 2001US-00993583.
XX
PR 16-JUN-1997; 97US-0049787P.
PR 17-OCT-1997; 97US-0062250P.
PR 05-NOV-1997; 97WO-US020069.
PR 12-NOV-1997; 97US-0065186P.
PR 13-NOV-1997; 97US-0065311P.
PR 24-NOV-1997; 97US-0066770P.
PR 25-FEB-1998; 98US-0075945P.
PR 20-MAR-1998; 98US-0078910P.
PR 28-APR-1998; 98US-0083322P.
PR 07-MAY-1998; 98US-0084600P.
PR 28-MAY-1998; 98US-0087106P.
PR 02-JUN-1998; 98US-0087607P.
PR 02-JUN-1998; 98US-0087609P.
PR 03-JUN-1998; 98US-0087759P.
PR 03-JUN-1998; 98US-0087827P.
PR 04-JUN-1998; 98US-0088021P.
PR 04-JUN-1998; 98US-0088025P.
PR 04-JUN-1998; 98US-0088026P.
PR 04-JUN-1998; 98US-0088028P.
PR 04-JUN-1998; 98US-0088029P.
PR 04-JUN-1998; 98US-0088030P.

PR 04-JUN-1998; 98US-0088033P.
PR 04-JUN-1998; 98US-0088326P.
PR 05-JUN-1998; 98US-0088467P.
PR 05-JUN-1998; 98US-0088202P.
PR 05-JUN-1998; 98US-0088212P.
PR 05-JUN-1998; 98US-0088217P.
PR 09-JUN-1998; 98US-0088655P.
PR 10-JUN-1998; 98US-0088734P.
PR 10-JUN-1998; 98US-0088738P.
PR 10-JUN-1998; 98US-0088742P.
PR 10-JUN-1998; 98US-0088810P.
PR 10-JUN-1998; 98US-0088824P.
PR 10-JUN-1998; 98US-0088826P.
PR 11-JUN-1998; 98US-0088858P.
PR 11-JUN-1998; 98US-0088861P.
PR 11-JUN-1998; 98US-0088876P.
PR 12-JUN-1998; 98US-0089105P.
PR 16-JUN-1998; 98US-0089440P.
PR 16-JUN-1998; 98US-0089512P.
PR 16-JUN-1998; 98US-0089514P.
PR 17-JUN-1998; 98US-0089532P.
PR 17-JUN-1998; 98US-0089538P.
PR 17-JUN-1998; 98US-0089598P.
PR 17-JUN-1998; 98US-0089599P.
PR 17-JUN-1998; 98US-0089600P.
PR 17-JUN-1998; 98US-0089653P.
PR 18-JUN-1998; 98US-0089801P.
PR 18-JUN-1998; 98US-0089907P.
PR 18-JUN-1998; 98US-0089908P.
PR 19-JUN-1998; 98US-0089948P.
PR 19-JUN-1998; 98US-0089952P.
PR 22-JUN-1998; 98US-0090246P.
PR 22-JUN-1998; 98US-0090252P.
PR 22-JUN-1998; 98US-0090254P.
PR 23-JUN-1998; 98US-0090349P.
PR 23-JUN-1998; 98US-0090355P.
PR 24-JUN-1998; 98US-0090429P.
PR 24-JUN-1998; 98US-0090431P.
PR 24-JUN-1998; 98US-0090435P.
PR 24-JUN-1998; 98US-0090444P.
PR 24-JUN-1998; 98US-0090445P.
PR 24-JUN-1998; 98US-0090472P.
PR 24-JUN-1998; 98US-0090535P.
PR 24-JUN-1998; 98US-0090540P.
PR 24-JUN-1998; 98US-0090542P.
PR 24-JUN-1998; 98US-0090557P.
PR 25-JUN-1998; 98US-0090676P.
PR 25-JUN-1998; 98US-0090678P.
PR 25-JUN-1998; 98US-0090690P.
PR 25-JUN-1998; 98US-0090694P.
PR 25-JUN-1998; 98US-0090695P.
PR 25-JUN-1998; 98US-0090696P.
PR 26-JUN-1998; 98US-0090862P.
PR 26-JUN-1998; 98US-0090863P.
PR 01-JUL-1998; 98US-0091360P.
PR 01-JUL-1998; 98US-0091544P.
PR 02-JUL-1998; 98US-0091478P.
PR 02-JUL-1998; 98US-0091519P.
PR 02-JUL-1998; 98US-0091626P.
PR 02-JUL-1998; 98US-0091628P.
PR 02-JUL-1998; 98US-0091633P.
PR 02-JUL-1998; 98US-0091646P.
PR 02-JUL-1998; 98US-0091673P.
PR 07-JUL-1998; 98US-0091978P.
PR 07-JUL-1998; 98US-0091982P.
PR 09-JUL-1998; 98US-0092182P.
PR 10-JUL-1998; 98US-0092472P.
PR 20-JUL-1998; 98US-0093339P.
PR 30-JUL-1998; 98US-0094651P.
PR 04-AUG-1998; 98US-0095282P.
PR 04-AUG-1998; 98US-0095285P.
PR 04-AUG-1998; 98US-0095301P.
PR 04-AUG-1998; 98US-0095302P.
```

```
PR 04-AUG-1998; 98US-0095318P.
PR 04-AUG-1998; 98US-0095321P.
PR 04-AUG-1998; 98US-0095325P.
PR 10-AUG-1998; 98US-0095916P.
PR 10-AUG-1998; 98US-0095929P.
PR 10-AUG-1998; 98US-0096012P.
PR 11-AUG-1998; 98US-0096143P.
PR 11-AUG-1998; 98US-0096146P.
PR 12-AUG-1998; 98US-0096329P.
PR 17-AUG-1998; 98US-0096757P.
PR 17-AUG-1998; 98US-0096766P.
PR 17-AUG-1998; 98US-0096768P.
PR 17-AUG-1998; 98US-0096773P.
PR 17-AUG-1998; 98US-0096791P.
PR 17-AUG-1998; 98US-0096867P.
PR 17-AUG-1998; 98US-0096891P.
PR 17-AUG-1998; 98US-0096894P.
PR 17-AUG-1998; 98US-0096895P.
PR 17-AUG-1998; 98US-0096897P.
PR 18-AUG-1998; 98US-0096949P.
PR 18-AUG-1998; 98US-0096950P.
PR 18-AUG-1998; 98US-0096959P.
PR 18-AUG-1998; 98US-0096980P.
PR 18-AUG-1998; 98US-0096980P.
PR 18-AUG-1998; 98US-0097022P.
PR 19-AUG-1998; 98US-0097114P.
PR 20-AUG-1998; 98US-0097218P.
PR 24-AUG-1998; 98US-0097661P.
PR 26-AUG-1998; 98US-0097952P.
PR 26-AUG-1998; 98US-0097954P.
PR 26-AUG-1998; 98US-0097955P.
PR 26-AUG-1998; 98US-0097971P.
PR 26-AUG-1998; 98US-0097974P.
PR 26-AUG-1998; 98US-0097978P.
PR 26-AUG-1998; 98US-0097979P.
PR 26-AUG-1998; 98US-0097986P.
PR 26-AUG-1998; 98US-0098014P.
PR 31-AUG-1998; 98US-0098525P.
PR 16-SEP-1998; 98US-0100634P.
PR 16-SEP-1998; 98US-0100634P.
PR 17-SEP-1998; 98US-0100858P.
PR 17-SEP-1998; 98US-0101943P.
PR 07-OCT-1998; 98US-0102114P.
PR 01-DEC-1998; 98US-0102510P.
PR 22-DEC-1998; 98US-0113236P.
PR 05-JAN-1999; 99US-00000106.
PR 08-MAR-1999; 99US-00005028.
PR 12-MAR-1999; 99US-0123957P.
PR 02-JUN-1999; 99US-0121252P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0143046P.
PR 20-JUL-1999; 99US-0144758P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 17-AUG-1999; 99US-0149396P.
PR 15-SEP-1999; 99US-0149396P.
PR 15-SEP-1999; 99US-0149396P.
PR 08-OCT-1999; 99US-0158631P.
PR 30-NOV-1999; 99US-0158631P.
PR 01-DEC-1999; 99US-0202831P.
PR 01-DEC-1999; 99US-0202831P.
PR 16-DEC-1999; 99US-0202831P.
PR 20-DEC-1999; 99US-0202831P.
PR 05-JAN-2000; 2000US-00000219.
PR 06-JAN-2000; 2000US-00000219.
PR 11-FEB-2000; 2000US-0003565.
PR 18-FEB-2000; 2000US-0004341.
PR 22-FEB-2000; 2000US-0004414.
PR 24-FEB-2000; 2000US-0004914.
PR 24-FEB-2000; 2000US-0005004.
PR 02-MAR-2000; 2000US-0005841.
PR 10-MAR-2000; 2000US-0006319.
PR 15-MAR-2000; 2000US-0006884.
PR 20-MAR-2000; 2000US-0007377.
PR 30-MAR-2000; 2000US-0008439.
PR 15-MAY-2000; 2000US-0013358.
PR 17-MAY-2000; 2000US-0013705.
PR 22-MAY-2000; 2000US-0014042.
PR 30-MAY-2000; 2000US-0014941.
PR 02-JUN-2000; 2000US-0015264.
PR 23-JUN-2000; 2000US-0213637P.
PR 28-JUL-2000; 2000US-02020710.
PR 11-AUG-2000; 2000US-0202031.
PR 23-AUG-2000; 2000US-02023522.
PR 24-AUG-2000; 2000US-02023328.
Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSLFLMGTFLSVSTVLAQDALLVFPFGVAQLSCTLSPOHVTIRDYGVSWYQOR 60
Db 1 MACRCLSLFLMGTFLSVSTVLAQDALLVFPFGVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123
RESULT 163
ADD51804
ID ADD51804 standard; protein; 123 AA.
AC ADD51804;
XX
DT 15-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #201.
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumor necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
PN US2003194779-A1.
XX
PD 16-OCT-2003.
XX
PF 30-MAY-2002; 2002US-00160500.
XX
PR 05-JUN-2000; 2000US-0209832P.
PR 01-DEC-2000; 2000US-032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH ) GENENTECH INC.
XX
PI Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-852597/79.
XX
DR N-PSDB; ADD51803.
XX
PT New secreted and transmembrane PRO nucleic acids and polypeptides, useful
for detecting the presence of a tumor, stimulating the release of tumor
```

PT necrosis factor alpha from human blood and treating, e.g. organ failure.
XX Claim 12; Fig 402; 637pp; English.
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems.
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.
XX
SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCUSFLMGTFLSVQTLVLAQDALLVFGQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCUSFLMGTFLSVQTLVLAQDALLVFGQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISPVQPEDDADYCVSGVG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISPVQPEDDADYCVSGVG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 164
ADD02603
ID ADD02603 standard; protein; 123 AA.
XX
AC ADD02603;
DT
DT 15-JAN-2004 (first entry)
XX Human PRO polypeptide #201.
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassemia;
KW immune system cell infiltration.
XX Homo sapiens.
XX US2003203431-A1.
XX 30-OCT-2003.
XX 24-APR-2002; 2002US-00131820.
XX 28-OCT-1998; 98US-0106030P.
XX 01-SEP-1999; 99WO-US020111.
XX 18-OCT-1999; 99US-00403297.
XX 18-FEB-2000; 2000WO-US004342.
XX 24-AUG-2000; 2000WO-US023328.
XX 01-DEC-2000; 2000WO-US032678.
XX 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-875638/81.
XX N-PSDB; ADD02602.
XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
XX PRO4978, useful in molecular biology, chromosome and gene mapping, in
XX generating antisense RNA and DNA, and in gene therapy.
XX Claim 12; Fig 402; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a
medicament for treating a condition responsive to the polypeptides or
antibodies, such as tumours, for stimulating and inhibiting proliferation
of human microvascular endothelial cells, for modulating the uptake of
glucose or FFA by skeletal muscle cells or adipocyte cells, for
stimulating differentiation of adipocyte cells, for stimulating
proliferation of or gene expression in pericyte cells, for stimulating
the proliferation of inner ear utricular supporting cells or T-lymphocyte
cells, for inducing endothelial cell tube formation and for treating
various bone and/or cartilage disorders such as sports injuries and
arthritis. PRO polypeptides which stimulate the release of proteoglycans
from cartilage are useful for treating sports-related joint problems.
articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
polypeptides are also useful for treating various mammalian haemoglobin-
associated disorders such as various thalassemias and conditions which
may benefit from enhanced local immune system cell infiltration. This
sequence represents a human PRO polypeptide of the invention. Note: The
sequence data for this patent is also available in electronic format from
the USPTO at seqdata.uspto.gov/sequence.html.

Query Match 100.0%; Score 657; DB 7; Length 123;
Sequence 123 AA;

Best Local Similarity 100.0%; Pred. No. 4.3e-62; Mismatches 0; Indels 0; Gaps 0;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 MACRCLFLLMGTSVLSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 Db 1 MACRCLFLLMGTSVLSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 Qy 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
 Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
 Qy 121 FSP 123
 Db 121 FSP 123
 RESULT 165
 ADD02037
 ID ADD02037 standard; protein; 123 AA.
 AC ADD02037;
 XX
 DT 15-JAN-2004 (first entry)
 XX Human PRO polypeptide #201.
 XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.
 XX
 OS Homo sapiens.
 XX
 FN US2003203430-A1.
 XX
 PD 30-OCT-2003.
 XX
 PF 23-APR-2002; 2002US-00128685.
 XX
 PR 11-AUG-1998; 98US-0096143P.
 PR 02-JUN-1999; 99WO-US012252.
 PR 30-MAR-2000; 2000US-00380137.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 19-DEC-2001; 2001US-00028072.
 XX
 PA (GETH) GENENTECH INC.
 XX
 PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tamas D, Watanabe CK, Wood WI, Zhang Z;
 XX
 DR WPI; 2003-875637/81.
 DR N-PSDB; ADD02036.
 XX
 PT New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
 PT PRO4978, useful in molecular biology, chromosome and gene mapping, in
 PT generating antisense RNA and DNA, and in gene therapy.
 XX
 PS Claim 12; Fig 402; 637pp; English.
 XX
 CC The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for

detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 polynucleotides are useful in molecular biology, including uses as
 hybridisation probes, in chromosome and gene mapping, in generating
 antisense RNA and DNA and in gene therapy. The polynucleotides may also
 be used in preparing PRO polypeptides by recombinant techniques and in
 generating either transgenic animals or knock-out animals which are
 useful in the development and screening of therapeutically useful
 reagents. The PRO polypeptides or antibodies are used in preparing a
 medicament for treating a condition responsive to the polypeptides or
 antibodies, such as tumours, for stimulating and inhibiting proliferation
 of human microvascular endothelial cells, for modulating the uptake of
 glucose or FFA by skeletal muscle cells or adipocyte cells, for
 stimulating differentiation of adipocyte cells, for stimulating
 proliferation of or gene expression in pericyte cells, for stimulating
 the proliferation of inner ear utricular supporting cells or T-lymphocyte
 cells, for inducing endothelial cell tube formation and for treating
 various bone and/or cartilage disorders such as sports injuries and
 arthritis. PRO polypeptides which stimulate the release of proteoglycans
 from cartilage are useful for treating sports-related joint problems,
 articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 polypeptides are also useful for treating various mammalian haemoglobin-
 associated disorders such as various thalassaemias and conditions which
 may benefit from enhanced local immune system cell infiltration. This
 sequence represents a human PRO polypeptide of the invention. Note: The
 sequence data for this patent is also available in electronic format from
 USPTO at seqdata.uspto.gov/sequence.html.
 XX
 SQ Sequencé 123 AA;
 Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 MACRCLFLLMGTSVLSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 Db 1 MACRCLFLLMGTSVLSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 Qy 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
 Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
 Qy 121 FSP 123
 Db 121 FSP 123
 RESULT 166
 ADD54219
 ID ADD54219 standard; protein; 123 AA.
 XX
 AC ADD54219;
 XX
 DT 15-JAN-2004 (first entry)
 XX
 DE Novel human secreted and transmembrane protein PRO619.
 XX Human; secreted and transmembrane protein; PRO;
 KW Tumour necrosis factor alpha release; TNF-alpha release;
 KW glucose uptake modulator; FFA uptake modulator;
 KW cell proliferation stimulator; cell differentiation stimulator;
 KW cell differentiation inhibitor; cytokine release stimulator; tumour;
 KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
 KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
 KW gene therapy; chromosome identification; chromosome marker.
 XX
 OS Homo sapiens.
 XX
 FN US2003203432-A1.
 XX
 PD 30-OCT-2003.
 XX
 PF 10-MAY-2002; 2002US-00142886.

XX 05-JUN-2000; 2000US-0209832P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tamas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-875639/81.
DR N-PSDB; ADD54218.
XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PT PRO4978, useful in molecular biology, chromosome and gene mapping, in
PT generating antisense RNA and DNA, and in gene therapy.
XX Claim 12; SEQ ID NO 402; 637pp; English.
XX The invention describes 305 nucleic acids encoding PRO (secreted and
CC transmembrane) polypeptides (I). (I) is useful for stimulating the
CC release of TNF-alpha from human blood, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating the proliferation or differentiation of chondrocyte cells,
CC for stimulating the proliferation of or gene expression in pericyte
CC cells, for stimulating the release of proteoglycans from cartilage, for
CC stimulating the proliferation of inner ear utricular supporting cells,
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
CC the release of a cytokine from PSMC cells, for inhibiting the binding of
CC A-peptide to factor VIIa, for inhibiting the differentiation of adipocyte
CC cells, for stimulating proliferation of endothelial cells, for detecting
CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
CC are useful for isolating genomic and cDNA nucleotide sequences or
CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
CC in assays to identify other proteins or molecules involved in binding
CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
CC and gene mapping, in generation of antisense RNA and DNA, in the
CC preparation of PRO polypeptide, for generating transgenic animals or
CC knockout animals which in turn are useful in the development and
CC screening of therapeutically useful reagents, in gene therapy, for
CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. (I) and (II) are useful for tissue typing. This is the amino
CC acid sequence of a novel human secreted and transmembrane PRO
XX polypeptide.
SQ Sequence 123 AA;
Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4,3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLMGTFLLSVSQTVLALQDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLMGTFLLSVSQTVLALQDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYICSVGVG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYICSVGVG 120
QY 121 FSP 123
DB 121 FSP 123
RESULT 167
ADD54486
ID ADD54486 standard; protein; 123 AA.
XX

AC ADD54486;
XX 15-JAN-2004 (first entry)
XX Human PRO polypeptide #25.
XX Human; PRO; pancreatic beta-cell precursor cell; pancreatic beta-cell;
KW insulin deficiency; diabetes mellitus; haemoglobin-associated disorder;
KW thalassemia; endothelial cell growth; cancer; cystic renal dysplasia;
KW polycystic kidney disease; renal tumour; antidiabetic; antianaemic;
XX cytostatic; cardiant; vulnerary; antiinflammatory; anorectic.
XX Homo sapiens.
XX OS
XX US2002132253-A1.
XX 19-SEP-2002.
XX 14-NOV-2001; 2001US-00991163.
XX 16-JUN-1997; 97US-0049787P.
PR 17-OCT-1997; 97US-0062250P.
PR 05-NOV-1997; 97WO-US020069.
PR 12-NOV-1997; 97US-0065186P.
PR 13-NOV-1997; 97US-0065311P.
PR 24-NOV-1997; 97US-0066770P.
PR 25-FEB-1998; 98US-0075945P.
PR 28-APR-1998; 98US-0078910P.
PR 07-MAY-1998; 98US-0083322P.
PR 28-MAY-1998; 98US-0084600P.
PR 02-JUN-1998; 98US-0087106P.
PR 02-JUN-1998; 98US-0087607P.
PR 02-JUN-1998; 98US-0087609P.
PR 02-JUN-1998; 98US-0087759P.
PR 03-JUN-1998; 98US-0087827P.
PR 04-JUN-1998; 98US-0088021P.
PR 04-JUN-1998; 98US-0088025P.
PR 04-JUN-1998; 98US-0088026P.
PR 04-JUN-1998; 98US-0088028P.
PR 04-JUN-1998; 98US-0088029P.
PR 04-JUN-1998; 98US-0088030P.
PR 04-JUN-1998; 98US-0088033P.
PR 04-JUN-1998; 98US-0088326P.
PR 05-JUN-1998; 98US-0088167P.
PR 05-JUN-1998; 98US-0088202P.
PR 05-JUN-1998; 98US-0088212P.
PR 05-JUN-1998; 98US-0088217P.
PR 09-JUN-1998; 98US-0088655P.
PR 10-JUN-1998; 98US-0088734P.
PR 10-JUN-1998; 98US-0088738P.
PR 10-JUN-1998; 98US-0088742P.
PR 10-JUN-1998; 98US-0088810P.
PR 10-JUN-1998; 98US-0088824P.
PR 10-JUN-1998; 98US-0088826P.
PR 11-JUN-1998; 98US-0088858P.
PR 11-JUN-1998; 98US-0088861P.
PR 11-JUN-1998; 98US-0088861P.
PR 12-JUN-1998; 98US-0088876P.
PR 12-JUN-1998; 98US-0089105P.
PR 16-JUN-1998; 98US-0089440P.
PR 16-JUN-1998; 98US-0089512P.
PR 16-JUN-1998; 98US-0089514P.
PR 17-JUN-1998; 98US-0089532P.
PR 17-JUN-1998; 98US-0089538P.
PR 17-JUN-1998; 98US-0089538P.
PR 17-JUN-1998; 98US-0089539P.
PR 17-JUN-1998; 98US-0089599P.
PR 17-JUN-1998; 98US-0089600P.
PR 17-JUN-1998; 98US-0089653P.
PR 18-JUN-1998; 98US-0089801P.
PR 18-JUN-1998; 98US-0089907P.
PR 18-JUN-1998; 98US-0089908P.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.

PR 01-DEC-1998; 98WO-US025108.
 PR 05-JAN-1999; 99WO-US000106.
 PR 08-MAR-1999; 99WO-US0005028.
 PR 02-JUN-1999; 99WO-US012252.
 PR 15-SEP-1999; 99WO-US021090.
 PR 15-SEP-1999; 99WO-US021547.
 PR 30-NOV-1999; 99WO-US028313.
 PR 01-DEC-1999; 99WO-US028301.
 PR 16-DEC-1999; 99WO-US028634.
 PR 16-DEC-1999; 99WO-US030095.
 PR 20-DEC-1999; 99WO-US030911.
 PR 06-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000376.
 PR 11-FEB-2000; 2000WO-US003565.
 PR 18-FEB-2000; 2000WO-US004341.
 PR 22-FEB-2000; 2000WO-US004414.
 PR 24-FEB-2000; 2000WO-US004914.
 PR 24-FEB-2000; 2000WO-US005004.
 PR 02-MAR-2000; 2000WO-US005841.
 PR 10-MAR-2000; 2000WO-US006319.
 PR 15-MAR-2000; 2000WO-US006884.
 PR 20-MAR-2000; 2000WO-US007377.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 15-MAY-2000; 2000WO-US013358.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 11-AUG-2000; 2000WO-US022031.
 PR 23-AUG-2000; 2000WO-US023522.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 08-NOV-2000; 2000WO-US030952.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 28-FEB-2001; 2001WO-US006520.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 29-JUN-2001; 2001WO-US021066.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 28-AUG-2001; 2001US-00941992.
 PR XX
 PA (GETH) GENENTECH INC.
 XX Ashkenazi AJ, Baker KP, Botstein D, Desnovers L, Eaton DL,
 PI Ferrara N, Fong S, Gerber H, Gerritsen ME, Goddard A, Godowski PJ,
 PI Grimaldi JC, Gurney AL, Kljavin IJ, Napier MA, Pan J, Paoni NF,
 PI Roy MA, Stewart TA, Tumas D, Watanabe CK, Williams PM, Wood WI,
 PI Zhang Z;
 XX WPI; 2003-695825/66.
 DR N-PSDB; ADD54485.
 XX
 PT New PRO polypeptides and nucleic acid molecules, useful in gene therapy,
 PT or in diagnosing or treating inflammatory diseases, diabetes, cancer,
 PT rheumatoid arthritis, ulcers, amyotrophic lateral sclerosis or septic
 PT shock.
 XX
 PS Claim 12; SEQ ID NO 117; 658pp; English.
 XX
 CC The invention relates to human PRO polypeptides and the polynucleotides
 CC encoding them. The sequences are useful for inducing differentiation of
 CC pancreatic beta-cell precursor cells into mature pancreatic beta-cells,
 CC and thus for treating various insulin deficient states in mammals,
 CC including diabetes mellitus. The sequences are also useful for treating
 CC mammalian haemoglobin-associated disorders e.g., various thalassaemias,
 CC undesired endothelial cell growth e.g., inhibiting tumour growth, cystic
 CC renal dysplasia, polycystic kidney disease and renal tumours. The
 CC polypeptides are useful for tissue typing, as molecular weight markers
 CC for protein electrophoresis purposes, as therapeutic agents and as
 CC hybridisation probes for isolating PRO cDNA from a cDNA library. The
 CC polynucleotides are useful in gene therapy, as chromosome identification
 CC recombinantly expressing molecular weight markers, in chromosome and gene
 CC mapping, in the generation of anti-sense RNA and DNA and in preparation

CC of PRO polypeptides by recombinant techniques. This sequence represents a
 CC human PRO polypeptide of the invention. Note: The sequence data for this
 CC patent is also available in electronic format from USPTO at
 CC seqdata.uspto.gov/sequence.html.
 CC
 SQ Sequence 123 AA;
 Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSELLMGTELSVSQTVLAQDLALVFPFGVQAQLSCTLSPOHVTIRDYGSWYQQR 60
 DP |||||
 QY 1 MACRCLSELLMGTELSVSQTVLAQDLALVFPFGVQAQLSCTLSPOHVTIRDYGSWYQQR 60
 DP |||||
 QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYCSVGYG 120
 DP |||||
 QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYCSVGYG 120
 DP |||||
 QY 121 RSP 123
 DP |||||
 QY 121 RSP 123
 DP |||||
 RESULT 168
 ADD92536
 ID ADD92536 standard; protein; 123 AA.
 AC ADD92536;
 XX
 XX 29-JAN-2004 (first entry)
 XX Human PRO polypeptide #201.
 KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; PFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.
 KW Homo sapiens.
 OS
 PN US2003199030-A1.
 XX
 PD 23-OCT-2003.
 XX
 PF 28-MAY-2002; 2002US-00156841.
 XX
 PR 03-MAR-2000; 2000US-0187202P.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 19-DEC-2001; 2001US-00028072.
 XX
 XX (GETH) GENENTECH INC.
 XX Baker KP, Beresini M, DeForge L, Desnovers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX WPI; 2003-900159/82.
 DR N-PSDB; ADD92535.
 XX
 PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 PT useful for treating pericyte-associated tumors, diabetes and various bone
 PT and/or cartilage disorders, e.g. arthritis.
 XX
 PS Claim 12; SEQ ID NO 402; 636pp; English.
 XX
 CC The invention relates to isolated human PRO polypeptides (secreted and

transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at seqdata.uspto.gov/sequence.html.

Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCISFLIMGTFLSVSTVLQALDALLVFPQVAQLSCTLSPOHVTIRDYGVSWMYQQR 60
DB 1 MACRCISFLIMGTFLSVSTVLQALDALLVFPQVAQLSCTLSPOHVTIRDYGVSWMYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDENHACVLTISPVQPEDDADYICSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDENHACVLTISPVQPEDDADYICSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 169

ADD91432

ID ADD91432 standard; protein; 123 AA.

XX ADD91432;

XX 29-JAN-2004 (first entry)

DT Human PRO polypeptide #201.

DE Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

OS Homo sapiens.
XX US2003199055-A1.
PN 23-OCT-2003.
PD 12-APR-2002; 2002US-00121063.
PF 31-MAR-1997; 97WO-US005230.
XX 98WO-US012456;
PR 12-JUN-1998; 98WO-US014552.
PR 14-JUL-1998; 98WO-US017888.
PR 28-AUG-1998; 98WO-US018824.
PR 10-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019177.
PR 14-SEP-1998; 98WO-US019330.
PR 16-SEP-1998; 98WO-US019437.
PR 17-SEP-1998; 98WO-US021141.
PR 27-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 29-OCT-1998; 98WO-US024855.
PR 20-NOV-1998; 98WO-US025108.
PR 01-DEC-1998; 98WO-US000106.
PR 05-JAN-1999; 98WO-US005028.
PR 08-MAR-1999; 98WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 10-MAR-1999; 99WO-US008615.
PR 20-APR-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 16-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.

PR 24-AUG-2000; 2000WO-US023328.
 PR 08-NOV-2000; 2000WO-US030352.
 PR 10-NOV-2000; 2000WO-US030873.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 20-DEC-2000; 2000US-00747359.
 PR 20-DEC-2000; 2000WO-US043556.
 PR 28-FEB-2001; 2001US-00796498.
 PR 28-FEB-2001; 2001WO-US006520.
 PR 01-MAR-2001; 2001WO-US006520.
 PR 09-MAR-2001; 2001US-00802706.
 PR 14-MAR-2001; 2001US-00808689.
 PR 22-MAR-2001; 2001US-00816744.
 PR 05-APR-2001; 2001US-00828366.
 PR 10-MAY-2001; 2001US-00854208.
 PR 10-MAY-2001; 2001US-00854280.
 PR 18-MAY-2001; 2001US-00860216.
 PR 25-MAY-2001; 2001US-00866028.
 PR 25-MAY-2001; 2001US-00866034.
 PR 25-MAY-2001; 2001WO-US017092.
 PR 01-JUN-2001; 2001US-00872035.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 05-JUN-2001; 2001US-00874503.
 PR 14-JUN-2001; 2001US-00882636.
 PR 19-JUN-2001; 2001US-00886342.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 21-JUN-2001; 2001US-00887879.
 PR 22-JUN-2001; 2001WO-US020116.
 PR 29-JUN-2001; 2001WO-US021066.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 18-JUL-2001; 2001US-00908827.
 PR 06-AUG-2001; 2001US-00924419.
 PR 09-AUG-2001; 2001US-00927796.
 PR 16-AUG-2001; 2001US-00931836.
 PR 19-DEC-2001; 2001US-00028072.
 XX

(GETH) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX WPI; 2003-900165/82.
 DR N-PSDB; ADD91431.

PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 useful for treating pericyte-associated tumors, diabetes and various bone
 PT and/or cartilage disorders, e.g. arthritis.

XX Claim 12; SEQ ID NO 402; 636pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating

CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;

Best Local Similarity 100.0%; Pred. No. 4.3e-62;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 MACRCLSFLLMGTFSLVSQTVLAQDLALLVFPQVQAQLSCTLSPOHVTIRYGVSWYQQR 60

DB 1 MACRCLSFLLMGTFSLVSQTVLAQDLALLVFPQVQAQLSCTLSPOHVTIRYGVSWYQQR 60

OY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKXDEAHNACVLTISVPQEDDADYYCSVGYG 120

DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKXDEAHNACVLTISVPQEDDADYYCSVGYG 120

OY 121 PSP 123

DB 121 PSP 123

RESULT 170

ADE04046

ID ADE04046 standard; protein; 123 AA.

XX ADE04046;

XX 29-JAN-2004 (first entry)

XX Human PRO polypeptide #201.

KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassemia;

KW immune system cell infiltration.

XX Homo sapiens.

XX US2003199057-A1.

XX 23-OCT-2003.

XX 15-APR-2002; 2002US-00123213.

XX 31-MAR-1997; 97WO-US005230.

XX 12-JUN-1998; 98WO-US012456.

XX 28-AUG-1998; 98WO-US014552.

XX 10-SEP-1998; 98WO-US017888.

XX 14-SEP-1998; 98WO-US018824.

XX 14-SEP-1998; 98WO-US019093.

XX 14-SEP-1998; 98WO-US019094.

XX 16-SEP-1998; 98WO-US019330.

XX 17-SEP-1998; 98WO-US019437.

XX 07-OCT-1998; 98WO-US021141.

XX 29-OCT-1998; 98WO-US022991.

XX 20-NOV-1998; 98WO-US024855.

PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 98WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030973.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006566.
PR 03-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI: 2003-900167/82.
DR N-PSDB; ADE04045.
XX
XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX
PS Claim 12; Fig 402; 637pp; English.
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumor necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumors, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or PFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC the proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 123 AA;
Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSELLMGTFLSVSQTVAQLDALLVFPFGVAQLSCITLSQHVITRDYGVSWYQOR 60
DB 1 MACRCLSELLMGTFLSVSQTVAQLDALLVFPFGVAQLSCITLSQHVITRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSBEDHRRPADIPDRFSAXDEAHNACVLTISPVPQEDDADYCVGVG 120

```

Db      61 AGSAPRILLYRSEDDHRRPADIPDRSAKDEAHNACVLITISVPQEDADYYCSVGX 120
QY      121 FSP 123
Db      121 FSP 123

RESULT 171
ADE26640
ID  ADE26640 standard; protein; 123 AA.
XX
AC  ADE26640;
XX
DT  29-JAN-2004 (first entry)
XX
DE  Novel human secreted and transmembrane protein PRO619.
XX
KW  human; secreted and transmembrane protein; PRO; nootropic;
KW  neuroprotective; antiparkinsonian; cytostatic; gene therapy;
KW  chromosome mapping; gene mapping; transgenic animal; knock-out animal;
KW  neurodegenerative disorder; Parkinson's disease; Alzheimer's disease.
XX
OS  Homo sapiens.
XX
FN  US2003087304-A1.
XX
PD  08-MAY-2003.
XX
PF  15-NOV-2001; 2001US-00997333.
XX
PR  16-JUN-1997; 97US-0049787P.
PR  17-OCT-1997; 97US-0062250P.
PR  05-NOV-1997; 97WO-US020069.
PR  12-NOV-1997; 97US-0065186P.
PR  13-NOV-1997; 97US-0065311P.
PR  24-NOV-1997; 97US-0066770P.
PR  25-FEB-1998; 98US-0075945P.
PR  20-MAR-1998; 98US-0078910P.
PR  28-APR-1998; 98US-0083322P.
PR  07-MAY-1998; 98US-0084600P.
PR  28-MAY-1998; 98US-0087106P.
PR  02-JUN-1998; 98US-0087607P.
PR  02-JUN-1998; 98US-0087609P.
PR  02-JUN-1998; 98US-0087759P.
PR  03-JUN-1998; 98US-0087827P.
PR  04-JUN-1998; 98US-0088021P.
PR  04-JUN-1998; 98US-0088025P.
PR  04-JUN-1998; 98US-0088026P.
PR  04-JUN-1998; 98US-0088028P.
PR  04-JUN-1998; 98US-0088029P.
PR  04-JUN-1998; 98US-0088030P.
PR  04-JUN-1998; 98US-0088033P.
PR  04-JUN-1998; 98US-0088036P.
PR  05-JUN-1998; 98US-0088167P.
PR  05-JUN-1998; 98US-0088202P.
PR  05-JUN-1998; 98US-0088212P.
PR  05-JUN-1998; 98US-0088217P.
PR  09-JUN-1998; 98US-0088655P.
PR  10-JUN-1998; 98US-0088734P.
PR  10-JUN-1998; 98US-0088738P.
PR  10-JUN-1998; 98US-0088742P.
PR  10-JUN-1998; 98US-0088810P.
PR  10-JUN-1998; 98US-0088824P.
PR  10-JUN-1998; 98US-0088826P.
PR  11-JUN-1998; 98US-0088858P.
PR  11-JUN-1998; 98US-0088861P.
PR  11-JUN-1998; 98US-0088876P.
PR  12-JUN-1998; 98US-0089105P.
PR  12-JUN-1998; 98US-0089440P.
PR  16-JUN-1998; 98US-0089512P.
PR  16-JUN-1998; 98US-0089514P.
PR  17-JUN-1998; 98US-0089532P.
PR  17-JUN-1998; 98US-0089538P.
PR  17-JUN-1998; 98US-0089598P.
PR  17-JUN-1998; 98US-0089600P.
PR  17-JUN-1998; 98US-0089653P.
PR  18-JUN-1998; 98US-0089801P.
PR  18-JUN-1998; 98US-0089907P.
PR  18-JUN-1998; 98US-0089908P.
PR  19-JUN-1998; 98US-0089948P.
PR  19-JUN-1998; 98US-0089952P.
PR  22-JUN-1998; 98US-0090246P.
PR  22-JUN-1998; 98US-0090252P.
PR  22-JUN-1998; 98US-0090254P.
PR  23-JUN-1998; 98US-0090349P.
PR  23-JUN-1998; 98US-0090353P.
PR  24-JUN-1998; 98US-0090429P.
PR  24-JUN-1998; 98US-0090431P.
PR  24-JUN-1998; 98US-0090435P.
PR  24-JUN-1998; 98US-0090444P.
PR  24-JUN-1998; 98US-0090445P.
PR  24-JUN-1998; 98US-0090472P.
PR  24-JUN-1998; 98US-0090535P.
PR  24-JUN-1998; 98US-0090540P.
PR  24-JUN-1998; 98US-0090542P.
PR  25-JUN-1998; 98US-0090576P.
PR  25-JUN-1998; 98US-0090676P.
PR  25-JUN-1998; 98US-0090678P.
PR  25-JUN-1998; 98US-0090690P.
PR  25-JUN-1998; 98US-0090694P.
PR  25-JUN-1998; 98US-0090695P.
PR  25-JUN-1998; 98US-0090696P.
PR  26-JUN-1998; 98US-0090862P.
PR  26-JUN-1998; 98US-0090863P.
PR  01-JUL-1998; 98US-0091360P.
PR  02-JUL-1998; 98US-0091544P.
PR  02-JUL-1998; 98US-0091478P.
PR  02-JUL-1998; 98US-0091519P.
PR  02-JUL-1998; 98US-0091626P.
PR  02-JUL-1998; 98US-0091628P.
PR  02-JUL-1998; 98US-0091633P.
PR  02-JUL-1998; 98US-0091646P.
PR  02-JUL-1998; 98US-0091673P.
PR  07-JUL-1998; 98US-0091978P.
PR  07-JUL-1998; 98US-0091982P.
PR  09-JUL-1998; 98US-0092182P.
PR  10-JUL-1998; 98US-0092472P.
PR  20-JUL-1998; 98US-0093339P.
PR  30-JUL-1998; 98US-0094651P.
PR  04-AUG-1998; 98US-0095282P.
PR  04-AUG-1998; 98US-0095285P.
PR  04-AUG-1998; 98US-0095301P.
PR  04-AUG-1998; 98US-0095302P.
PR  04-AUG-1998; 98US-0095318P.
PR  04-AUG-1998; 98US-0095321P.
PR  04-AUG-1998; 98US-0095325P.
PR  10-AUG-1998; 98US-0095916P.
PR  10-AUG-1998; 98US-0095929P.
PR  10-AUG-1998; 98US-0096012P.
PR  11-AUG-1998; 98US-0096143P.
PR  11-AUG-1998; 98US-0096146P.
PR  12-AUG-1998; 98US-0096329P.
PR  17-AUG-1998; 98US-0096757P.
PR  17-AUG-1998; 98US-0096766P.
PR  17-AUG-1998; 98US-0096768P.
PR  17-AUG-1998; 98US-0096773P.
PR  17-AUG-1998; 98US-0096791P.
PR  17-AUG-1998; 98US-0096867P.
PR  17-AUG-1998; 98US-0096891P.
PR  17-AUG-1998; 98US-0096894P.
PR  17-AUG-1998; 98US-0096895P.
PR  17-AUG-1998; 98US-0096897P.
PR  18-AUG-1998; 98US-0096949P.
PR  18-AUG-1998; 98US-0096950P.

```

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDAAHNAACVLTISPVQPEDADYCSVGXG 120
 Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDAAHNAACVLTISPVQPEDADYCSVGXG 120

QY 121 FSP 123
 Db 121 FSP 123

RESULT 172
 ADE32343
 ID ADE32343 standard; protein; 123 AA.
 XX
 AC ADE32343;
 XX
 DT 29-JAN-2004 (first entry)
 XX
 DE Novel human secreted and transmembrane protein PRO619.
 XX
 KW Human; secreted and transmembrane protein; PRO;
 KW Tumour necrosis factor alpha release; TNF-alpha release;
 KW Glucose uptake modulator; FFA uptake modulator;
 KW cell proliferation stimulator; cell differentiation stimulator;
 KW cell differentiation inhibitor; cytokine release stimulator; tumour;
 KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
 KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
 KW Gene therapy; chromosome identification; chromosome marker.
 XX
 OS Homo sapiens.
 XX
 FN US2003194765-A1.
 XX
 PD 16-OCT-2003.
 XX
 XX 09-MAY-2002; 2002US-00142889.
 PF 03-MAR-2000; 2000US-0187202P.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 19-DEC-2001; 2001US-00028072.
 XX
 PA (GETH) GENENTECH INC.
 XX
 XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX
 DR WPI, 2003-899784/82.
 DR N-FSDS; ADE32342.
 XX
 PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 PT useful for treating pericyte-associated tumors, diabetes and various bone
 PT and/or cartilage disorders, e.g. arthritis.
 PS Claim 12; SEQ ID NO 402; 636pp; English.
 XX
 CC The invention describes 305 nucleic acids encoding PRO (secreted and
 CC transmembrane) polypeptides (I). (I) is useful for stimulating the
 CC release of TNF-alpha from human blood, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating the proliferation or differentiation of chondrocyte cells,
 CC for stimulating the proliferation of or gene expression in pericyte
 CC cells, for stimulating the release of proteoglycans from cartilage, for
 CC stimulating the proliferation of inner ear utricular supporting cells
 CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
 CC the release of a cytokine from PMBC cells, for inhibiting the binding of
 CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
 CC cells, for stimulating proliferation of endothelial cells, for detecting
 CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
 CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
 CC are useful for isolating genomic and cDNA nucleotide sequences or
 CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
 CC in assays to identify other proteins or molecules involved in binding
 CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome

PR 18-AUG-1998; 98US-0096959P.
 PR 18-AUG-1998; 98US-0096960P.
 PR 18-AUG-1998; 98US-0097022P.
 PR 19-AUG-1998; 98US-0097141P.
 PR 20-AUG-1998; 98US-0097218P.
 PR 20-AUG-1998; 98US-0097661P.
 PR 24-AUG-1998; 98US-0097952P.
 PR 26-AUG-1998; 98US-0097954P.
 PR 26-AUG-1998; 98US-0097955P.
 PR 26-AUG-1998; 98US-0097971P.
 PR 26-AUG-1998; 98US-0097974P.
 PR 26-AUG-1998; 98US-0097978P.
 PR 26-AUG-1998; 98US-0097979P.
 PR 26-AUG-1998; 98US-0097986P.
 PR 26-AUG-1998; 98US-0098014P.
 PR 31-AUG-1998; 98US-0098525P.
 PR 16-SEP-1998; 98US-0100634P.
 PR 16-SEP-1998; 98WO-US019330.
 PR 17-SEP-1998; 98US-0100858P.
 PR 17-SEP-1998; 98WO-US019437.
 PR 07-OCT-1998; 98WO-US021141.
 PR 01-DEC-1998; 98WO-US025108.
 PR 22-DEC-1998; 98US-0113296P.
 PR 05-JAN-1999; 98WO-US020106.
 PR 20-FEB-1999; 98WO-US030911.
 PR 08-MAR-1999; 99WO-US005028.
 PR 12-MAR-1999; 99US-0123957P.
 PR 02-JUN-1999; 99WO-US012252.
 PR 23-JUN-1999; 99US-0141037P.
 PR 07-JUL-1999; 99US-0143048P.
 PR 20-JUL-1999; 99US-0144758P.
 PR 26-JUL-1999; 99US-0145698P.
 PR 28-JUL-1999; 99US-0146222P.
 PR 17-AUG-1999; 99US-0149396P.
 PR 15-SEP-1999; 99WO-US021090.
 PR 15-SEP-1999; 99WO-US021547.
 PR 08-OCT-1999; 99US-0158663P.
 PR 30-NOV-1999; 99WO-US028313.
 PR 01-DEC-1999; 99WO-US028301.
 PR 01-DEC-1999; 99WO-US028634.
 PR 16-DEC-1999; 99WO-US030095.
 PR 05-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000376.
 PR 11-FEB-2000; 2000WO-US003565.
 PR 18-FEB-2000; 2000WO-US004341.
 PR 22-FEB-2000; 2000WO-US004414.
 PR 24-FEB-2000; 2000WO-US004914.
 PR 24-FEB-2000; 2000WO-US005004.
 PR 02-MAR-2000; 2000WO-US005841.
 PR 10-MAR-2000; 2000WO-US006319.
 PR 11-MAR-2000; 2000WO-US005884.
 PR 20-MAR-2000; 2000WO-US007377.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 15-MAY-2000; 2000WO-US013358.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 23-JUN-2000; 2000US-0213637P.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 11-AUG-2000; 2000WO-US022031.
 PR 23-AUG-2000; 2000WO-US023522.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 07-SEP-2000; 2000US-0230978P.

Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGVFLSVQVLAQLDALLVFPQVLAQLSCTLSFQHVTTIRDYGVSNYQQR 60
 Db 1 MACRCLSFLLMGVFLSVQVLAQLDALLVFPQVLAQLSCTLSFQHVTTIRDYGVSNYQQR 60

CC and gene mapping, in generation of antisense RNA and DNA, in the
CC preparation of PRO polypeptide, for generating transgenic animals or
CC knockout animals which in turn are useful in the development and
CC screening of therapeutically useful reagents, in gene therapy, for
CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. (I) and (II) are useful for tissue typing. This is the amino
CC acid sequence of a novel human secreted and transmembrane PRO
CC polypeptide.
XX
SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRLSFLMGTLSPVLAQDLALVPPGVAQLSCTLSPQHVIRDYGVSWYQQR 60
Db 1 MACRLSFLMGTLSPVLAQDLALVPPGVAQLSCTLSPQHVIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSDEHRRPADIPDRSAKDEAHNAACVLTISPVQPEDDADYCVGVG 120
Db 61 AGSAPRYLLYRSDEHRRPADIPDRSAKDEAHNAACVLTISPVQPEDDADYCVGVG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 173
ADE22275
ID ADE22275 standard; protein; 123 AA.
XX
AC ADE22275;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #201.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
PN US2003199056-A1.
XX
PD 23-OCT-2003.
XX
PF 15-APR-2002; 2002US-00123212.
XX
XX 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.

PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032578.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.

PR 05-JUN-2001; 2001US-00874503.
 PR 14-JUN-2001; 2001US-00882636.
 PR 19-JUN-2001; 2001US-00886342.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 21-JUN-2001; 2001US-00887879.
 PR 22-JUN-2001; 2001WO-US020116.
 PR 29-JUN-2001; 2001WO-US021066.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 18-JUL-2001; 2001US-00908827.
 PR 06-AUG-2001; 2001US-00924419.
 PR 09-AUG-2001; 2001US-00927796.
 PR 16-AUG-2001; 2001US-00931836.
 PR 19-DEC-2001; 2001US-00028072.
 XX
 XX (GETH) GENENTECH INC.
 PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX
 XX WPI: 2003-900166/82.
 DR N-PSDB; ADE22274.
 DR
 XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 PT useful for treating pericyte-associated tumors, diabetes and various bone
 PT and/or cartilage disorders, e.g. arthritis.
 XX
 XX Claim 12; Fig 402; 638pp; English.
 XX
 CC The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems.
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC the USPTO website at seqdata.uspto.gov.
 XX
 XX Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4,3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCISFLIMGTFILSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDVGVSWYQOR 60
 DB 1 MACRCISFLIMGTFILSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDVGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVOEDDADYCVGVG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVOEDDADYCVGVG 120
 QY 121 FSP 123
 DB 121 FSP 123
 RESULT 174
 ADD79499
 ID ADD79499 standard; protein; 123 AA.
 XX
 XX AC ADD79499;
 XX
 XX DT 29-JAN-2004 (first entry)
 XX
 XX DE Human PRO polypeptide #201.
 XX
 XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.
 XX
 XX OS Homo sapiens.
 XX
 XX PN US2003203428-A1.
 XX
 XX PD 30-OCT-2003.
 XX
 XX PF 22-APR-2002; 2002US-00127852.
 XX
 XX PR 09-DEC-1999; 99US-0170262P.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 19-DEC-2001; 2001US-00028072.
 XX
 XX (GETH) GENENTECH INC.
 XX
 XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX
 XX WPI: 2003-875635/81.
 DR N-PSDB; ADD79498.
 XX
 XX New isolated, secreted and transmembrane PRO polypeptides and nucleic
 XX acids, useful for the diagnosis, prevention and/or treatment of tumors,
 PT such as lung, colon, breast, prostate, rectal, cervical and/or liver
 PT tumors.
 XX
 XX Claim 12; Fig 402; 637pp; English.
 XX
 XX The invention relates to isolated human PRO polypeptides (secreted and
 XX transmembrane polypeptides) and the polynucleotides encoding them. The
 XX invention also relates to an antibody which specifically binds to a PRO
 XX polypeptide, a method for stimulating the release of tumour necrosis
 XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 XX proliferation or differentiation of chondrocyte cells and a method for
 XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 XX polynucleotides are useful in molecular biology, including uses as
 XX hybridisation probes, in chromosome and gene mapping, in generating
 XX antisense RNA and DNA and in gene therapy. The polynucleotides may also
 XX be used in preparing PRO polypeptides by recombinant techniques and in
 XX generating either transgenic animals or knock-out animals which are
 XX useful in the development and screening of therapeutically useful
 XX reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC the USPTO website at seqdata.uspto.gov.
 XX
 SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACCLSLMGTLSVSQTVLAQDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACCLSLMGTLSVSQTVLAQDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
 QY 121 FSP 123
 DB 121 FSP 123

RESULT 175
 ADE42035
 ID ADE42035 standard; protein; 123 AA.
 AC ADE42035;
 XX
 DT 29-JAN-2004 (first entry)
 XX
 DE Human PRO polypeptide #201.
 XX
 KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.

OS Homo sapiens.
 XX
 XX US2003194772-A1.
 XX
 PD 16-OCT-2003.
 XX
 XX 21-MAY-2002; 2002US-00152386.
 XX
 XX 03-MAR-2000; 2000US-0187202P.
 PR
 PR 01-DEC-2000; 2000WO-US032878.
 PR
 PR 19-DEC-2001; 2001US-00028072.
 XX
 XX (GETH) GENENTECH INC.
 FA
 XX

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX
 DR WPI: 2003-899788/82.
 DR N-PSDB; ADE42034.
 XX
 PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 PT useful for treating pericyte-associated tumors, diabetes and various bone
 PT and/or cartilage disorders, e.g. arthritis.
 XX
 PS Claim 12; Fig 402; 637pp; English.
 XX
 CC The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.

XX
 SQ Sequence 123 AA;
 Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACCLSLMGTLSVSQTVLAQDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACCLSLMGTLSVSQTVLAQDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
 QY 121 FSP 123
 DB 121 FSP 123
 RESULT 176
 ADE17852
 ID ADE17852 standard; protein; 123 AA.
 XX
 AC ADE17852;
 XX
 DT 29-JAN-2004 (first entry)
 XX

XX	Human PRO polypeptide #201.	01-MAR-2000; 2000WO-US005601.	PR
DE	Human; PRO; secreted polypeptide; transmembrane polypeptide;	02-MAR-2000; 2000WO-US005746.	PR
XX	tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;	15-MAR-2000; 2000WO-US005841.	PR
KW	cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;	20-MAR-2000; 2000WO-US006884.	PR
KW	liver; microvascular endothelial cell; glucose; FFA;	21-MAR-2000; 2000WO-US007377.	PR
KW	skeletal muscle cell; adipocyte cell; pericyte cell;	30-MAR-2000; 2000WO-US007532.	PR
KW	inner ear utricular supporting cell; T-lymphocyte cell;	17-MAY-2000; 2000WO-US013705.	PR
KW	endothelial cell tube formation; bone disorder; cartilage disorder;	22-MAY-2000; 2000WO-US014042.	PR
KW	sports injury; proteoglycan; articular cartilage defect; osteoarthritis;	30-MAY-2000; 2000WO-US014941.	PR
KW	rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;	02-JUN-2000; 2000WO-US015264.	PR
XX	immune system cell infiltration.	28-JUN-2000; 2000WO-US020710.	PR
XX		11-AUG-2000; 2000WO-US022031.	PR
OS	Homo sapiens.	23-AUG-2000; 2000WO-US023522.	PR
XX		24-AUG-2000; 2000WO-US023328.	PR
PN	US2003199023-A1.	10-NOV-2000; 2000WO-US030952.	PR
XX		01-DEC-2000; 2000WO-US030873.	PR
XX		20-DEC-2000; 2000US-00747259.	PR
PD		20-DEC-2000; 2000WO-US034956.	PR
XX		28-FEB-2001; 2001US-00796498.	PR
PF	17-APR-2002; 2002US-00124821.	28-FEB-2001; 2001WO-US006520.	PR
XX		01-MAR-2001; 2001WO-US006666.	PR
PR	31-MAR-1997; 97WO-US005230.	09-MAR-2001; 2001US-00802706.	PR
PR	12-JUN-1998; 98WO-US012456.	14-MAR-2001; 2001US-00816744.	PR
PR	14-JUL-1998; 98WO-US014552.	22-MAR-2001; 2001US-00816744.	PR
PR	28-AUG-1998; 98WO-US017888.	05-APR-2001; 2001US-00828366.	PR
PR	10-SEP-1998; 98WO-US018824.	10-MAY-2001; 2001US-00854208.	PR
PR	14-SEP-1998; 98WO-US019093.	10-MAY-2001; 2001US-00854280.	PR
PR	14-SEP-1998; 98WO-US019094.	18-MAY-2001; 2001US-00860216.	PR
PR	14-SEP-1998; 98WO-US019177.	25-MAY-2001; 2001US-00866028.	PR
PR	16-SEP-1998; 98WO-US019330.	25-MAY-2001; 2001WO-US017092.	PR
PR	17-SEP-1998; 98WO-US019437.	01-JUN-2001; 2001US-00872035.	PR
PR	07-OCT-1998; 98WO-US021141.	01-JUN-2001; 2001WO-US017800.	PR
PR	29-OCT-1998; 98WO-US022991.	05-JUN-2001; 2001US-00874503.	PR
PR	29-OCT-1998; 98WO-US022992.	14-JUN-2001; 2001US-00882636.	PR
PR	29-OCT-1998; 98WO-US022995.	20-JUN-2001; 2001US-00886342.	PR
PR	29-OCT-1998; 98WO-US025108.	21-JUN-2001; 2001US-00887579.	PR
PR	05-JAN-1999; 99WO-US000106.	22-JUN-2001; 2001WO-US020116.	PR
PR	08-MAR-1999; 99WO-US005028.	29-JUN-2001; 2001WO-US021066.	PR
PR	10-MAR-1999; 99WO-US005190.	09-JUL-2001; 2001WO-US021735.	PR
PR	10-MAR-1999; 2000WO-US006319.	18-JUL-2001; 2001US-00908827.	PR
PR	20-APR-1999; 99WO-US008615.	06-AUG-2001; 2001US-00924419.	PR
PR	14-MAY-1999; 99WO-US010733.	16-AUG-2001; 2001US-00927796.	PR
PR	02-JUN-1999; 99WO-US012252.	19-DEC-2001; 2001US-00028072.	PR
PR	01-SEP-1999; 99WO-US020111.		XX
PR	08-SEP-1999; 99WO-US020594.	(GETH) GENENTECH INC.	PA
PR	13-SEP-1999; 99WO-US020944.	Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;	XX
PR	15-SEP-1999; 99WO-US021090.	Geritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;	PI
PR	05-OCT-1999; 99WO-US021547.	Smith V, Stewart TA, Tamas D, Watanabe CK, Wood WI, Zhang Z;	PI
PR	05-OCT-1999; 99WO-US023089.	WPI; 2003-900155/82.	XX
PR	29-NOV-1999; 99WO-US028214.	N-FSDB; ADEL7851.	DR
PR	30-NOV-1999; 99WO-US028313.		DR
PR	30-NOV-1999; 99WO-US028409.	Two hundred and seventy five nucleic acids encoding PRO polypeptides,	XX
PR	01-DEC-1999; 99WO-US028301.	useful for treating pericyte-associated tumors, diabetes and various bone	PT
PR	01-DEC-1999; 99WO-US028634.	and/or cartilage disorders, e.g. arthritis.	PT
PR	02-DEC-1999; 99WO-US028564.		XX
PR	02-DEC-1999; 99WO-US028565.	Claim 12; SEQ ID NO 402; 637pp; English.	PS
PR	16-DEC-1999; 99WO-US030095.	The invention relates to isolated human PRO polypeptides (secreted and	CC
PR	20-DEC-1999; 99WO-US030911.	transmembrane polypeptides) and the polynucleotides encoding them. The	CC
PR	20-DEC-1999; 99WO-US030939.	invention also relates to an antibody which specifically binds to a PRO	CC
PR	22-DEC-1999; 99WO-US030720.	polypeptide, a method for stimulating the release of tumour necrosis	CC
PR	30-DEC-1999; 99WO-US031243.	factor-alpha (TNF-alpha) from human blood, a method for stimulating the	CC
PR	30-DEC-1999; 99WO-US031274.	proliferation or differentiation of chondrocyte cells and a method for	CC
PR	05-JAN-2000; 2000WO-US000219.	detecting the presence of a tumour in a mammal (e.g. adrenal, lung,	CC
PR	05-JAN-2000; 2000WO-US000277.	colon, breast, prostate, rectal, kidney, cervical and liver tumours). The	CC
PR	06-JAN-2000; 2000WO-US000376.	polynucleotides are useful in molecular biology, including uses as	CC
PR	11-FEB-2000; 2000WO-US003565.		
PR	18-FEB-2000; 2000WO-US004341.		
PR	18-FEB-2000; 2000WO-US004342.		
PR	22-FEB-2000; 2000WO-US004414.		
PR	24-FEB-2000; 2000WO-US004914.		
PR	24-FEB-2000; 2000WO-US005004.		

CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4,3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 MACRCLSLFLMGTFSLVSQTVLAQLDALLVFPQVQLSTLSLSPQHVIRIDYGVSNVYQQR 60
 Db 1 MACRCLSLFLMGTFSLVSQTVLAQLDALLVFPQVQLSTLSLSPQHVIRIDYGVSNVYQQR 60
 Qy 61 AGSAPRLLVYRSSEHHRPADIPDRSAKDEAHNACVLITISPVQPEDDADYICSVGVG 120
 Db 61 AGSAPRLLVYRSSEHHRPADIPDRSAKDEAHNACVLITISPVQPEDDADYICSVGVG 120

Qy 121 FSP 123

Db 121 FSP 123

RESULT 177

ADD91984

XX ADD91984 standard; protein; 123 AA.

XX AC ADD91984;

XX DT 29-JAN-2004 (first entry)

XX DE Human PRO polypeptide #201.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.

XX OS Homo sapiens.

XX XX US2003199053-A1.

XX XX 23-OCT-2003.

XX PF 12-APR-2002; 2002US-00121053.

XX XX

PR 31-MAR-1997; 97WO-US005230.
 PR 12-JUN-1998; 98WO-US012456.
 PR 14-JUL-1998; 98WO-US014552.
 PR 28-AUG-1998; 98WO-US017888.
 PR 10-SEP-1998; 98WO-US018824.
 PR 14-SEP-1998; 98WO-US019093.
 PR 14-SEP-1998; 98WO-US019094.
 PR 14-SEP-1998; 98WO-US019177.
 PR 16-SEP-1998; 98WO-US019330.
 PR 17-SEP-1998; 98WO-US019437.
 PR 07-OCT-1998; 98WO-US021141.
 PR 29-OCT-1998; 98WO-US022991.
 PR 29-OCT-1998; 98WO-US022992.
 PR 20-NOV-1998; 98WO-US024855.
 PR 01-DEC-1998; 98WO-US025108.
 PR 05-JAN-1999; 98WO-US000106.
 PR 08-MAR-1999; 98WO-US005028.
 PR 10-MAR-1999; 98WO-US005190.
 PR 10-MAR-1999; 2000WO-US006319.
 PR 20-APR-1999; 99WO-US008615.
 PR 14-MAY-1999; 99WO-US010733.
 PR 02-JUN-1999; 99WO-US012252.
 PR 02-JUN-1999; 99WO-US020111.
 PR 08-SEP-1999; 99WO-US020594.
 PR 13-SEP-1999; 99WO-US020944.
 PR 15-SEP-1999; 99WO-US021090.
 PR 15-SEP-1999; 99WO-US021547.
 PR 05-OCT-1999; 99WO-US023089.
 PR 29-NOV-1999; 99WO-US028214.
 PR 30-NOV-1999; 99WO-US028313.
 PR 30-NOV-1999; 99WO-US028409.
 PR 01-DEC-1999; 99WO-US028301.
 PR 01-DEC-1999; 99WO-US028634.
 PR 02-DEC-1999; 99WO-US028551.
 PR 02-DEC-1999; 99WO-US028564.
 PR 02-DEC-1999; 99WO-US028565.
 PR 16-DEC-1999; 99WO-US030095.
 PR 20-DEC-1999; 99WO-US030911.
 PR 20-DEC-1999; 99WO-US030999.
 PR 22-DEC-1999; 99WO-US030720.
 PR 30-DEC-1999; 99WO-US031243.
 PR 30-DEC-1999; 99WO-US031274.
 PR 05-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000277.
 PR 06-JAN-2000; 2000WO-US000376.
 PR 11-FEB-2000; 2000WO-US003565.
 PR 18-FEB-2000; 2000WO-US004341.
 PR 18-FEB-2000; 2000WO-US004342.
 PR 22-FEB-2000; 2000WO-US004414.
 PR 24-FEB-2000; 2000WO-US004914.
 PR 24-FEB-2000; 2000WO-US005004.
 PR 01-MAR-2000; 2000WO-US005601.
 PR 02-MAR-2000; 2000WO-US005746.
 PR 02-MAR-2000; 2000WO-US005841.
 PR 15-MAR-2000; 2000WO-US006884.
 PR 20-MAR-2000; 2000WO-US007377.
 PR 21-MAR-2000; 2000WO-US007532.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 11-AUG-2000; 2000WO-US022031.
 PR 23-AUG-2000; 2000WO-US023522.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 08-NOV-2000; 2000WO-US030952.
 PR 10-NOV-2000; 2000WO-US030873.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 20-DEC-2000; 2000US-00747259.
 PR 28-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001US-00796498.
 PR 28-FEB-2001; 2001WO-US006520.

01-MAR-2001; 2001WO-US006666.
 09-MAR-2001; 2001US-00802706.
 14-MAR-2001; 2001US-00805689.
 22-MAR-2001; 2001US-00816744.
 05-APR-2001; 2001US-00828366.
 10-MAY-2001; 2001US-00834208.
 18-MAY-2001; 2001US-00854280.
 25-MAY-2001; 2001US-00860216.
 25-MAY-2001; 2001US-00866028.
 25-MAY-2001; 2001US-00866034.
 25-MAY-2001; 2001WO-US017092.
 01-JUN-2001; 2001US-00872035.
 01-JUN-2001; 2001WO-US017800.
 05-JUN-2001; 2001US-00874503.
 14-JUN-2001; 2001US-00882636.
 19-JUN-2001; 2001US-00886342.
 20-JUN-2001; 2001WO-US019692.
 21-JUN-2001; 2001US-00887879.
 22-JUN-2001; 2001WO-US020116.
 29-JUN-2001; 2001WO-US021066.
 09-JUL-2001; 2001WO-US021735.
 18-JUL-2001; 2001US-00908827.
 06-AUG-2001; 2001US-00924419.
 09-AUG-2001; 2001US-00927796.
 16-AUG-2001; 2001US-00931836.
 19-DEC-2001; 2001US-00028072.
 (GETH) GENENTECH INC.
 Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 WPI; 2003-900164/82.
 N-PSDB; ADP91983.
 Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 useful for treating pericyte-associated tumors, diabetes and various bone
 and/or cartilage disorders, e.g. arthritis.
 Claim 12; SEQ ID NO 402; 636pp; English.

The invention relates to isolated human PRO polypeptides (secreted and
 transmembrane polypeptides) and the polynucleotides encoding them. The
 invention also relates to an antibody which specifically binds to a PRO
 polypeptide, a method for stimulating the release of tumour necrosis
 factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 proliferation or differentiation of chondrocyte cells and a method for
 detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 polynucleotides are useful in molecular biology, including uses as
 hybridisation probes in chromosome and gene mapping, in generating
 antisense RNA and DNA and in gene therapy. The polynucleotides may also
 be used in preparing PRO polypeptides by recombinant techniques and in
 generating either transgenic animals or knock-out animals which are
 useful in the development and screening of therapeutically useful
 reagents. The PRO polypeptides or antibodies are used in preparing a
 medicament for treating a condition responsive to the polypeptides or
 antibodies, such as tumours, for stimulating and inhibiting proliferation
 of human microvascular endothelial cells, for modulating the uptake of
 glucose or FFA by skeletal muscle cells or adipocyte cells, for
 stimulating differentiation of adipocyte cells, for stimulating
 proliferation of or gene expression in pericyte cells, for stimulating
 the proliferation of inner ear utricular supporting cells or T-lymphocyte
 cells, for inducing endothelial cell tube formation and for treating
 various bone and/or cartilage disorders such as sports injuries and
 arthritis. PRO polypeptides which stimulate the release of proteoglycans
 from cartilage are useful for treating sports-related joint problems,
 articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 polypeptides are also useful for treating various mammalian haemoglobin-
 associated disorders such as various thalassemias and conditions which
 may benefit from enhanced local immune system cell infiltration. This
 sequence represents a human PRO polypeptide of the invention. Note: The

CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.
 XX
 SQ Sequence 123 AA;
 Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSLFLMGTFLSVSQTVLAQLDALLVFPQVLAQSLCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSLFLMGTFLSVSQTVLAQLDALLVFPQVLAQSLCTLSPOHVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKBAHNAACVLTISPVOPEDDADYYCSYGYG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKBAHNAACVLTISPVOPEDDADYYCSYGYG 120
 QY 121 FSP 123
 DB 121 FSP 123
 RESULT 178
 ADE33447
 ID ADE33447 standard; protein; 123 AA.
 XX ADE33447;
 XX
 DT 29-JAN-2004 (first entry)
 XX
 DE Novel human secreted and transmembrane protein PRO619.
 XX
 KW Human; secreted and transmembrane protein; PRO;
 KW Tumour necrosis factor alpha release; TNF-alpha release;
 KW Glucose uptake modulator; FFA uptake modulator;
 KW cell proliferation stimulator; cell differentiation stimulator;
 KW cell differentiation inhibitor; cytokine release stimulator; tumour;
 KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
 KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
 KW gene therapy; chromosome identification; chromosome marker.
 XX
 OS Homo sapiens.
 XX
 PN US2003194767-A1.
 XX
 PD 16-OCT-2003.
 XX
 PF 16-MAY-2002; 2002US-00147497.
 XX
 PR 26-AUG-1998; 98US-0097951P.
 PR 02-JUN-1999; 99WO-US012252.
 PR 25-AUG-1999; 99US-00380137.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 19-DEC-2001; 2001US-00028072.
 XX
 PA (GETH) GENENTECH INC.
 XX
 PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 DR WPI; 2003-899786/82.
 DR N-PSDB; ADE33446.
 XX
 PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 useful for treating pericyte-associated tumors, diabetes and various bone
 and/or cartilage disorders, e.g. arthritis.
 XX
 PS Claim 12; SEQ ID NO 402; 636pp; English.
 XX
 CC The invention describes 305 nucleic acids encoding PRO (secreted and
 transmembrane) polypeptides (I). (I) is useful for stimulating the

CC release of TNF-alpha from human blood, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating the proliferation or differentiation of chondrocyte cells,
 CC for stimulating the proliferation of or gene expression in pericyte
 CC cells, for stimulating the release of proteoglycans from cartilage, for
 CC stimulating the proliferation of inner ear utricular supporting cells,
 CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
 CC the release of a cytokine from PMMC cells, for inhibiting the binding of
 CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
 CC cells, for stimulating proliferation of endothelial cells, for detecting
 CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
 CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
 CC are useful for isolating genomic and cDNA nucleotide sequences or
 CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
 CC in assays to identify other proteins or molecules involved in binding
 CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
 CC and gene mapping, in generation of antisense RNA and DNA, in the
 CC preparation of PRO polypeptide, for generating transgenic animals or
 CC knockout animals which in turn are useful in the development and
 CC screening of therapeutically useful reagents, in gene therapy, for
 CC chromosome identification, as chromosome marker, and for generating
 CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
 CC detecting its expression in specific cells, tissues or serum, and for
 CC affinity purification of PRO from recombinant cell culture or natural
 CC sources. (I) and (II) are useful for tissue typing. This is the amino
 CC acid sequence of a novel human secreted and transmembrane PRO
 CC polypeptide.

XX
 XX Sequence 123 AA;
 Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLFLLMGTLFSLVSQTFLAQLDALLVFPFGVAQLSCTLSPQHTIRDYGVSVMYQQR 60
 Db 1 MACRCLFLLMGTLFSLVSQTFLAQLDALLVFPFGVAQLSCTLSPQHTIRDYGVSVMYQQR 60

Qy 61 AGSAPRYLLYRSBEDHRRPADIDRFSAAKDEAHNACVLITSPVQPEDDADYICSVGYG 120
 Db 61 AGSAPRYLLYRSBEDHRRPADIDRFSAAKDEAHNACVLITSPVQPEDDADYICSVGYG 120

Qy 121 FSP 123
 Db 121 FSP 123

RESULT 179
 ADE33999
 ID ADE33999 standard; protein, 123 AA.
 XX
 XX ADE33999;
 AC ADE33999;
 XX
 DT 29-JAN-2004 (first entry)
 XX
 DE Novel human secreted and transmembrane protein PRO619.
 XX
 KW Human; secreted and transmembrane protein; PRO;
 KW Tumour necrosis factor alpha release; TNF-alpha release;
 KW glucose uptake modulator; FFA uptake modulator;
 KW cell proliferation stimulator; cell differentiation stimulator;
 KW cell differentiation inhibitor; cytokine release stimulator; tumour;
 KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
 KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
 KW gene therapy; chromosome identification; chromosome marker.
 XX
 OS Homo sapiens.
 XX
 XX US2003194791-A1.
 XX
 XX 16-OCT-2003.
 XX
 XX 11-APR-2002; 2002US-00121046.

XX 31-MAR-1997; 97WO-US005230.
 PR 12-JUN-1998; 98WO-US012456.
 PR 14-JUL-1998; 98WO-US014552.
 PR 28-AUG-1998; 98WO-US017888.
 PR 10-SEP-1998; 98WO-US018824.
 PR 14-SEP-1998; 98WO-US019093.
 PR 14-SEP-1998; 98WO-US019094.
 PR 14-SEP-1998; 98WO-US019177.
 PR 16-SEP-1998; 98WO-US019330.
 PR 17-SEP-1998; 98WO-US019437.
 PR 07-OCT-1998; 98WO-US021141.
 PR 29-OCT-1998; 98WO-US022991.
 PR 20-NOV-1998; 98WO-US024855.
 PR 01-DEC-1998; 98WO-US025108.
 PR 05-JAN-1999; 99WO-US000106.
 PR 08-MAR-1999; 99WO-US005028.
 PR 10-MAR-1999; 99WO-US005190.
 PR 20-APR-1999; 2000WO-US006319.
 PR 14-MAY-1999; 99WO-US010733.
 PR 02-JUN-1999; 99WO-US012252.
 PR 01-SEP-1999; 99WO-US020111.
 PR 08-SEP-1999; 99WO-US020594.
 PR 13-SEP-1999; 99WO-US020944.
 PR 15-SEP-1999; 99WO-US021090.
 PR 15-SEP-1999; 99WO-US021547.
 PR 05-OCT-1999; 99WO-US023089.
 PR 29-NOV-1999; 99WO-US028214.
 PR 30-NOV-1999; 99WO-US028313.
 PR 30-NOV-1999; 99WO-US028409.
 PR 01-DEC-1999; 99WO-US028301.
 PR 02-DEC-1999; 99WO-US028634.
 PR 02-DEC-1999; 99WO-US028551.
 PR 02-DEC-1999; 99WO-US028564.
 PR 02-DEC-1999; 99WO-US028565.
 PR 16-DEC-1999; 99WO-US030095.
 PR 20-DEC-1999; 99WO-US030911.
 PR 20-DEC-1999; 99WO-US030999.
 PR 22-DEC-1999; 99WO-US030720.
 PR 30-DEC-1999; 99WO-US031243.
 PR 30-DEC-1999; 99WO-US031274.
 PR 05-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000277.
 PR 06-JAN-2000; 2000WO-US000376.
 PR 11-FEB-2000; 2000WO-US003565.
 PR 18-FEB-2000; 2000WO-US004341.
 PR 18-FEB-2000; 2000WO-US004342.
 PR 22-FEB-2000; 2000WO-US004414.
 PR 24-FEB-2000; 2000WO-US004914.
 PR 24-FEB-2000; 2000WO-US005004.
 PR 01-MAR-2000; 2000WO-US005601.
 PR 02-MAR-2000; 2000WO-US005746.
 PR 02-MAR-2000; 2000WO-US005841.
 PR 15-MAR-2000; 2000WO-US006884.
 PR 20-MAR-2000; 2000WO-US007377.
 PR 21-MAR-2000; 2000WO-US007532.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 11-AUG-2000; 2000WO-US020231.
 PR 23-AUG-2000; 2000WO-US023522.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 08-NOV-2000; 2000WO-US030952.
 PR 10-NOV-2000; 2000WO-US030873.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 20-DEC-2000; 2000US-00747259.
 PR 20-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001US-00796498.

28-FEB-2001; 2001WO-US006520.
01-MAR-2001; 2001WO-US006566.
09-MAR-2001; 2001US-00802706.
14-MAR-2001; 2001US-00808689.
22-MAR-2001; 2001US-00815744.
05-APR-2001; 2001US-00828366.
10-MAY-2001; 2001US-00854208.
18-MAY-2001; 2001US-00854280.
25-MAY-2001; 2001US-00860216.
25-MAY-2001; 2001US-00866028.
25-MAY-2001; 2001US-00866034.
01-JUN-2001; 2001WO-US017092.
01-JUN-2001; 2001US-00872035.
01-JUN-2001; 2001WO-US017800.
05-JUN-2001; 2001US-00874503.
14-JUN-2001; 2001US-00882636.
19-JUN-2001; 2001US-00886342.
20-JUN-2001; 2001WO-US019692.
21-JUN-2001; 2001US-00887879.
22-JUN-2001; 2001WO-US020116.
23-JUN-2001; 2001WO-US021066.
09-JUL-2001; 2001WO-US021735.
18-JUL-2001; 2001US-00908827.
06-AUG-2001; 2001US-00924419.
09-AUG-2001; 2001US-00927796.
16-AUG-2001; 2001US-00931836.
19-DEC-2001; 2001US-00028072.
PA
(GETH) GENENTECH INC.
Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W,
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S,
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
WPI; 2003-899790/82.
N-PSDB; ADE33998.
Two hundred and seventy five nucleic acids encoding PRO polypeptides,
useful for treating pericyte-associated tumors, diabetes and various bone
and/or cartilage disorders, e.g. arthritis.
Claim 12; SEQ ID NO 402; 636pp; English.

SQ Sequence 123 AA;
Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVPPGQVAQLSCTLSPOHVTIRDYGVSWTQQR 60
DB 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVPPGQVAQLSCTLSPOHVTIRDYGVSWTQQR 60
QY 61 AGSAPRYLLYRSBEDHRRPADIPDRFSAKDEAHNACVLTISPVQEDDADYICSVGYG 120
DB 61 AGSAPRYLLYRSBEDHRRPADIPDRFSAKDEAHNACVLTISPVQEDDADYICSVGYG 120
QY 121 FSP 123
DB 121 FSP 123
RESULT 180
ADD80051
ID ADD80051 standard; protein; 123 AA.
AC ADD80051;
XX 29-JAN-2004 (first entry)
DE Human PRO polypeptide #201.
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassemia;
KW immune system cell infiltration.
OS Homo sapiens.
XX
XX US2003207417-A1.
PD 06-NOV-2003.
XX
XX 07-MAY-2002; 2002US-00140805.
XX 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018924.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019094.
PR 16-SEP-1998; 98WO-US019177.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.

```

PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021347.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028424.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030311.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030352.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032578.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006566.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 18-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.

PR 19-DEC-2001; 2001US-00028072.
XX (GETH ) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI: 2003-875867/81.
DR N-PSDB; ADD80050.
XX
XX New PRO nucleic acid, useful for manufacturing a medicament for
PT diagnosing or treating tumor, for chromosome mapping or for tissue
PT typing.
XX
XX Claim 12; Fig 402; 638pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumor necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.
XX
XX Sequence 123 AA;
Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSLFMGTFSLVSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWQQR 60
DB 1 MACRCLSLFMGTFSLVSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWQQR 60
QY 61 AGSAPRYLLYRSEDDHRRPADIPDRFSAAKDEAHNACVLITISVPQEDDADYCYGVYG 120
DB 61 AGSAPRYLLYRSEDDHRRPADIPDRFSAAKDEAHNACVLITISVPQEDDADYCYGVYG 120
QY 121 FSP 123
DB 121 FSP 123
RESULT 181
ADD93088
ID ADD93088 standard; protein; 123 AA.

```

CC ADD93088;
CC 29-JAN-2004 (first entry)
CC Human PRO polypeptide #201.
CC
CC Human; PRO; secreted polypeptide; transmembrane polypeptide;
CC tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
CC cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
CC liver; microvascular endothelial cell; glucose; FFA;
CC skeletal muscle cell; adipocyte cell; pericyte cell;
CC inner ear utricular supporting cell; T-lymphocyte cell;
CC endothelial cell tube formation; bone disorder; cartilage disorder;
CC sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
CC rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
CC immune system cell infiltration.
CC
CC Homo sapiens.
CC US2003194768-A1.
CC
CC 16-OCT-2003.
CC
CC 21-MAY-2002; 2002US-00152371.
CC
CC 03-MAR-2000; 2000US-0187202P.
CC 01-DEC-2000; 2000WO-US032678.
CC 19-DEC-2001; 2001US-00028072.
CC
CC (GETH) GENENTECH INC.
CC
CC Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
CC Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
CC Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
CC
CC WPI: 2003-899787/82.
CC N-PDSB; ADD93087.
CC
CC Two hundred and seventy five nucleic acids encoding PRO polypeptides,
CC useful for treating pericyte-associated tumors, diabetes and various bone
CC and/or cartilage disorders, e.g. arthritis.
CC
CC Claim 12; SEQ ID NO 402; 636pp; English.
CC
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-

CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
CC
CC SQ Sequence 123 AA;
CC
CC Query Match 100.0%; Score 657; DB 7; Length 123;
CC Best Local Similarity 100.0%; Pred. No. 4.3e-62;
CC Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
CC
CC Qy 1 MACRCLSFLLMGTFLSVQVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSVQQR 60
CC Db 1 MACRCLSFLLMGTFLSVQVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSVQQR 60
CC Qy 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
CC Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
CC Qy 121 FSP 123
CC Db 121 FSP 123
CC
CC RESULT 182
CC ADE19508
CC ID ADE19508 standard; protein; 123 AA.
CC XX
CC AC ADE19508;
CC XX
CC DT 29-JAN-2004 (first entry)
CC XX
CC DE Human PRO polypeptide #201.
CC XX
CC KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
CC tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
CC cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
CC liver; microvascular endothelial cell; glucose; FFA;
CC skeletal muscle cell; adipocyte cell; pericyte cell;
CC inner ear utricular supporting cell; T-lymphocyte cell;
CC endothelial cell tube formation; bone disorder; cartilage disorder;
CC sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
CC rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
CC immune system cell infiltration.
CC
CC Homo sapiens.
CC OS
CC XX
CC XX US2003199025-A1.
CC XX
CC XX 23-OCT-2003.
CC XX
CC XX 21-MAY-2002; 2002US-00152385.
CC XX
CC XX 03-MAR-2000; 2000US-0187202P.
CC XX 10-NOV-2000; 2000WO-US030873.
CC XX 01-DEC-2000; 2000WO-US032678.
CC XX 19-DEC-2001; 2001US-00028072.
CC XX
CC XX (GETH) GENENTECH INC.
CC PA
CC PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
CC PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
CC PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
CC XX
CC XX WPI: 2003-900156/82.
CC DR N-PDSB; ADE19507.
CC XX
CC XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
CC useful for treating pericyte-associated tumors, diabetes and various bone
CC and/or cartilage disorders, e.g. arthritis.
CC
CC Claim 12; SEQ ID NO 402; 646pp; English.
CC PS

XX CC The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC the proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLFLLMGTFSLVSQVLAQLDALLVFPQVLAQLSCTLSFQHVIRDYGVSWYQQR 60
 Db 1 MACRCLFLLMGTFSLVSQVLAQLDALLVFPQVLAQLSCTLSFQHVIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVEDDADYCVSVGYG 120
 Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVEDDADYCVSVGYG 120

QY 121 FSP 123
 Db 121 FSP 123

RESULT 183

ADAE18956

ID ADAE18956 standard; protein; 123 AA.

XX AC ADAE18956;

DT 29-JAN-2004 (first entry)

XX Human PRO polypeptide #201.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal, lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

KW immune system cell infiltration.

XX Homo sapiens.

PN US2003199026-A1.

XX 23-OCT-2003.

XX 20-MAY-2002; 2002US-00152393.

XX 03-MAR-2000; 2000US-0187202P.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

PI Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

DR WPI; 2003-900157/82.

DR N-PSDB; ADE18955.

PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 useful for treating pericyte-associated tumors, diabetes and various bone
 and/or cartilage disorders, e.g. arthritis.

Claim 12; SEQ ID NO 402; 636pp: English.

XX The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC the proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;

Best Local Similarity 100.0%; Pred. No. 4.3e-62;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLFLLMGTFSLVSQVLAQLDALLVFPQVLAQLSCTLSFQHVIRDYGVSWYQQR 60

Db 1 MACRCLFLLMGTFSLVSQVLAQLDALLVFPQVLAQLSCTLSFQHVIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 184
ADE43152
ID ADE43152 standard; protein; 123 AA.
XX ADE43152;
AC ADE43152;
XX 29-JAN-2004 (first entry)
DT
XX Human PRO polypeptide #201.
DE
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
XX US2003199033-A1.
PN
XX
XX 23-OCT-2003.
PD
XX
XX 28-MAY-2002; 2002US-00156845.
PF
XX
XX 05-JUN-2000; 2000US-0209832P.
PR
XX 01-DEC-2000; 2000WO-US032678.
PR
XX 19-DEC-2001; 2001US-00028072.
PR
XX
XX (GETH) GENENTECH INC.
PA
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WJ, Zhang Z;
XX
XX WPI: 2003-900162/82.
DR N-PSDB; ADE43151.
DR
XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
PT
XX
PS Claim 12; Fig 402; 636pp; English.
PS
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or

CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems, PRO
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 123 AA;
Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCISFLMLGTFLSVSQVTLAQLDALLVFPQGVLAQLSCTLSFQHVITRDYGVSWYQQR 60
Db 1 MACRCISFLMLGTFLSVSQVTLAQLDALLVFPQGVLAQLSCTLSFQHVITRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 185
ADD95941
ID ADD95941 standard; protein; 123 AA.
XX ADD95941;
AC ADD95941;
XX 29-JAN-2004 (first entry)
DT Human PRO polypeptide #201.
DE
XX
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
XX US2003199059-A1.
PN 23-OCT-2003.
PD
XX 15-APR-2002; 2002US-00123322.
PF
XX 31-MAR-1997; 97WO-US0005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.

PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 98WO-US000106.
PR 08-MAR-1999; 98WO-US005028.
PR 10-MAR-1999; 98WO-US005190.
PR 20-MAR-1999; 98WO-US006319.
PR 20-APR-1999; 98WO-US008615.
PR 14-MAY-1999; 98WO-US010723.
PR 01-JUN-1999; 98WO-US012252.
PR 01-SEP-1999; 98WO-US020111.
PR 08-SEP-1999; 98WO-US020594.
PR 13-SEP-1999; 98WO-US020944.
PR 15-SEP-1999; 98WO-US021090.
PR 15-SEP-1999; 98WO-US021547.
PR 05-OCT-1999; 98WO-US023089.
PR 29-NOV-1999; 98WO-US028214.
PR 30-NOV-1999; 98WO-US028313.
PR 30-NOV-1999; 98WO-US028409.
PR 01-DEC-1999; 98WO-US028301.
PR 01-DEC-1999; 98WO-US028634.
PR 02-DEC-1999; 98WO-US028551.
PR 02-DEC-1999; 98WO-US028564.
PR 02-DEC-1999; 98WO-US028565.
PR 16-DEC-1999; 98WO-US030095.
PR 20-DEC-1999; 98WO-US030911.
PR 20-DEC-1999; 98WO-US030999.
PR 22-DEC-1999; 98WO-US030720.
PR 30-DEC-1999; 98WO-US031243.
PR 30-DEC-1999; 98WO-US031274.
PR 03-JAN-2000; 98WO-US000217.
PR 06-JAN-2000; 98WO-US000279.
PR 06-JAN-2000; 98WO-US000376.
PR 11-FEB-2000; 98WO-US0003565.
PR 18-FEB-2000; 98WO-US000431.
PR 18-FEB-2000; 98WO-US000432.
PR 22-FEB-2000; 98WO-US000444.
PR 24-FEB-2000; 98WO-US000494.
PR 24-FEB-2000; 98WO-US005004.
PR 01-MAR-2000; 98WO-US0055601.
PR 02-MAR-2000; 98WO-US005746.
PR 15-MAR-2000; 98WO-US005841.
PR 20-MAR-2000; 98WO-US006884.
PR 20-MAR-2000; 98WO-US007377.
PR 21-MAR-2000; 98WO-US007532.
PR 30-MAR-2000; 98WO-US008439.
PR 17-MAY-2000; 98WO-US013705.
PR 22-MAY-2000; 98WO-US014042.
PR 30-MAY-2000; 98WO-US014941.
PR 02-JUN-2000; 98WO-US015264.
PR 28-JUL-2000; 98WO-US020710.
PR 11-AUG-2000; 98WO-US022031.
PR 23-AUG-2000; 98WO-US023522.
PR 24-AUG-2000; 98WO-US023328.
PR 08-NOV-2000; 98WO-US030952.
PR 10-NOV-2000; 98WO-US030873.
PR 01-DEC-2000; 98WO-US032678.
PR 20-DEC-2000; 98WO-US032678.
PR 20-DEC-2000; 98WO-US034956.
PR 28-DEC-2000; 98WO-US034956.
PR 28-FEB-2001; 98WO-US006520.
PR 28-FEB-2001; 98WO-US006520.
PR 01-MAR-2001; 98WO-US006666.
PR 09-MAR-2001; 98WO-US0082706.
PR 14-MAR-2001; 98WO-US008689.
PR 22-MAR-2001; 98WO-US016744.
PR 03-APR-2001; 98WO-US028366.
PR 10-MAY-2001; 98WO-US00854208.
PR 10-MAY-2001; 98WO-US00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882836.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-0088827.
PR 06-AUG-2001; 2001US-00524419.
PR 09-AUG-2001; 2001US-00527796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-900168/82.
DR N-PSDB; ADD95940.
XX
PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX
PS Claim 12; Fig 402; 638pp; English.
XX
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumor necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumors, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 123 AA;
Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
QY 1	MACRCLSFLMGTFLSVQTVLAQLDALLVPPGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1	MACRCLSFLMGTFLSVQTVLAQLDALLVPPGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61	AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYCSVGYG 120
DB 61	AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYCSVGYG 120
QY 121	FSP 123
DB 121	FSP 123
RESULT 186	
ADE22827	
ID	ADE22827 standard; protein; 123 AA.
XX	
AC	ADE22827;
XX	
DT	29-JAN-2004 (first entry)
DE	Human PRO polypeptide #201.
XX	
KW	Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW	tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW	cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW	liver; microvascular endothelial cell; glucose; FFA;
KW	skeletal muscle cell; adipocyte cell; pericyte cell;
KW	inner ear utricular supporting cell; T-lymphocyte cell;
KW	endothelial cell tube formation; bone disorder; cartilage disorder;
KW	sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW	rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW	immune system cell infiltration.
XX	
OS	Homo sapiens.
XX	
PN	US2003199064-A1.
XX	
PD	23-OCT-2003.
PF	19-APR-2002; 2002US-00125932.
XX	
PR	31-MAR-1997; 97WO-US005230.
PR	12-JUN-1998; 98WO-US012456.
PR	14-JUL-1998; 98WO-US014552.
PR	28-AUG-1998; 98WO-US017888.
PR	10-SEP-1998; 98WO-US017882.
PR	14-SEP-1998; 98WO-US019093.
PR	14-SEP-1998; 98WO-US019094.
PR	14-SEP-1998; 98WO-US019177.
PR	16-SEP-1998; 98WO-US019330.
PR	17-SEP-1998; 98WO-US019437.
PR	07-OCT-1998; 98WO-US021141.
PR	29-OCT-1998; 98WO-US022991.
PR	29-OCT-1998; 98WO-US022992.
PR	20-NOV-1998; 98WO-US024855.
PR	01-DEC-1998; 98WO-US025108.
PR	08-JAN-1999; 98WO-US000106.
PR	08-MAR-1999; 98WO-US005028.
PR	10-MAR-1999; 98WO-US005190.
PR	10-MAR-1999; 2000WO-US006319.
PR	20-APR-1999; 98WO-US008615.
PR	14-MAY-1999; 98WO-US010733.
PR	02-JUN-1999; 98WO-US012252.
PR	01-SEP-1999; 98WO-US020111.
PR	08-SEP-1999; 98WO-US020594.
PR	13-SEP-1999; 98WO-US020944.
PR	15-SEP-1999; 98WO-US021090.
PR	15-SEP-1999; 98WO-US021547.
PR	05-OCT-1999; 98WO-US023089.
PR	29-NOV-1999; 98WO-US028214.

PR 30-NOV-1999;	99WO-US028313.
PR 30-NOV-1999;	99WO-US028409.
PR 01-DEC-1999;	99WO-US028301.
PR 01-DEC-1999;	99WO-US028634.
PR 02-DEC-1999;	99WO-US028551.
PR 02-DEC-1999;	99WO-US028564.
PR 02-DEC-1999;	99WO-US028565.
PR 16-DEC-1999;	99WO-US030095.
PR 20-DEC-1999;	99WO-US030911.
PR 20-DEC-1999;	99WO-US030999.
PR 22-DEC-1999;	99WO-US030720.
PR 30-DEC-1999;	99WO-US031243.
PR 30-DEC-1999;	99WO-US031274.
PR 05-JAN-2000;	2000WO-US000219.
PR 06-JAN-2000;	2000WO-US000277.
PR 06-JAN-2000;	2000WO-US000376.
PR 11-FEB-2000;	2000WO-US003565.
PR 18-FEB-2000;	2000WO-US004341.
PR 18-FEB-2000;	2000WO-US004342.
PR 22-FEB-2000;	2000WO-US004414.
PR 24-FEB-2000;	2000WO-US004914.
PR 24-FEB-2000;	2000WO-US005004.
PR 01-MAR-2000;	2000WO-US005601.
PR 02-MAR-2000;	2000WO-US005746.
PR 02-MAR-2000;	2000WO-US005841.
PR 15-MAR-2000;	2000WO-US006884.
PR 21-MAR-2000;	2000WO-US007377.
PR 30-MAR-2000;	2000WO-US007532.
PR 17-MAY-2000;	2000WO-US008439.
PR 22-MAY-2000;	2000WO-US013705.
PR 30-MAY-2000;	2000WO-US014042.
PR 02-JUN-2000;	2000WO-US014941.
PR 28-JUN-2000;	2000WO-US015264.
PR 11-AUG-2000;	2000WO-US020710.
PR 23-AUG-2000;	2000WO-US022031.
PR 24-AUG-2000;	2000WO-US023522.
PR 24-AUG-2000;	2000WO-US023328.
PR 08-NOV-2000;	2000WO-US030952.
PR 10-NOV-2000;	2000WO-US030873.
PR 01-DEC-2000;	2000WO-US032678.
PR 20-DEC-2000;	2000US-00747259.
PR 20-DEC-2000;	2000WO-US034956.
PR 28-FEB-2001;	2001US-00796498.
PR 28-FEB-2001;	2001WO-US006520.
PR 01-MAR-2001;	2001WO-US006566.
PR 09-MAR-2001;	2001US-00802706.
PR 12-MAR-2001;	2001US-00806689.
PR 05-APR-2001;	2001US-00816744.
PR 10-MAY-2001;	2001US-00854208.
PR 18-MAY-2001;	2001US-00860216.
PR 25-MAY-2001;	2001US-00866028.
PR 25-MAY-2001;	2001US-00866034.
PR 25-MAY-2001;	2001WO-US017092.
PR 01-JUN-2001;	2001US-00872035.
PR 01-JUN-2001;	2001WO-US017800.
PR 05-JUN-2001;	2001US-00874503.
PR 14-JUN-2001;	2001US-00882636.
PR 19-JUN-2001;	2001US-00886342.
PR 21-JUN-2001;	2001WO-US019592.
PR 22-JUN-2001;	2001US-00887879.
PR 22-JUN-2001;	2001WO-US020116.
PR 29-JUN-2001;	2001WO-US021066.
PR 09-JUL-2001;	2001WO-US021735.
PR 18-JUL-2001;	2001US-00908827.
PR 06-AUG-2001;	2001US-00924419.
PR 09-AUG-2001;	2001US-00927796.
PR 16-AUG-2001;	2001US-00931836.
PR 19-DEC-2001;	2001US-00028072.
XX	(GETH) GENENTECH INC.
PA	
XX	

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX WPI; 2003-900169/82.
 DR N-PSDB; ADE22826.
 XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 PT useful for treating pericyte-associated tumors, diabetes and various bone
 PT and/or cartilage disorders, e.g. arthritis.
 XX Claim 12; Fig 402; 638pp; English.
 XX The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC the USPTO website at seqdata.uspto.gov.
 XX SQ Sequence 123 AA;
 Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCISFLMGITFLSVQVLAQLDALLVFPQVQVQLSCTLSPOHVTIRDYGVSNYQQR 60
 DB 1 MACRCISFLMGITFLSVQVLAQLDALLVFPQVQVQLSCTLSPOHVTIRDYGVSNYQQR 60
 QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDAHNAACVLTISFPQEDDADYICVGVG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDAHNAACVLTISFPQEDDADYICVGVG 120
 QY 121 FSP 123
 DB 121 FSP 123
 RESULT 187
 ADD78945
 ID ADD78945 standard; protein; 123 AA.
 XX AC ADD78945;
 XX DT 29-JAN-2004 (first entry)

XX Human PRO polypeptide #201.
 DE
 XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.
 XX Homo sapiens.
 OS
 XX US2003203429-A1.
 FN
 XX 30-OCT-2003.
 PD
 XX 22-APR-2002; 2002US-00127900.
 PP
 XX 05-JUN-2000; 2000US-0209832P.
 PR
 XX 01-DEC-2000; 2000WO-US032678.
 PR
 XX 19-DEC-2001; 2001US-00028072.
 XX (GETH) GENENTECH INC.
 PA
 XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 WPI; 2003-875636/81.
 N-PSDB; ADD78944.
 DR
 XX New isolated, secreted and transmembrane PRO polypeptides and nucleic
 PT acids, useful for the diagnosis, prevention and/or treatment of tumors,
 FT such as lung, colon, breast, prostate, rectal, cervical and/or liver
 PT tumors.
 XX Claim 12; Fig 402; 637pp; English.
 CC The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumors, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC the USPTO website at seqdata.uspto.gov.

CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.
XX

SQ Sequence 123 AA;
Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPRFGAAXDEAHNACVLTISPVQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPRFGAAXDEAHNACVLTISPVQPEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 198
ADE26107
ID ADE26107 standard; protein; 123 AA.
AC ADE26107;
XX
DT 29-JAN-2004 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO619.

XX human; secreted and transmembrane protein; PRO; noctropic;
KW neuroprotective; antiparkinsonian; cytosolic; gene therapy;
KW chromosome mapping; gene mapping; transgenic animal; knock-out animal;
KW neurodegenerative disorder; Parkinson's disease; Alzheimer's disease.

XX Homo sapiens.
XX US2003087305-A1.
XX
PD 08-MAY-2003.
XX
PF 15-NOV-2001; 2001US-00997384.

XX 16-JUN-1997; 97US-0049787P.
PR 17-OCT-1997; 97US-0062250P.
PR 05-NOV-1997; 97MO-US020069.
PR 12-NOV-1997; 97US-0065186P.
PR 13-NOV-1997; 97US-0065311P.
PR 24-NOV-1997; 97US-0066770P.
PR 25-FEB-1998; 98US-0075945P.
PR 20-MAR-1998; 98US-0078910P.
PR 28-APR-1998; 98US-0083322P.
PR 07-MAY-1998; 98US-0084600P.
PR 28-MAY-1998; 98US-0087106P.
PR 02-JUN-1998; 98US-0087607P.
PR 02-JUN-1998; 98US-0087609P.
PR 03-JUN-1998; 98US-0087759P.
PR 04-JUN-1998; 98US-0088021P.
PR 04-JUN-1998; 98US-0088025P.
PR 04-JUN-1998; 98US-0088026P.
PR 04-JUN-1998; 98US-0088028P.
PR 04-JUN-1998; 98US-0088029P.
PR 04-JUN-1998; 98US-0088030P.
PR 04-JUN-1998; 98US-0088033P.
PR 04-JUN-1998; 98US-0088326P.
PR 05-JUN-1998; 98US-0088167P.
PR 05-JUN-1998; 98US-0088202P.
PR 05-JUN-1998; 98US-0088212P.
PR 05-JUN-1998; 98US-0088217P.
PR 09-JUN-1998; 98US-0088655P.

PR 10-JUN-1998; 98US-0088734P.
PR 10-JUN-1998; 98US-0088738P.
PR 10-JUN-1998; 98US-0088742P.
PR 10-JUN-1998; 98US-0088810P.
PR 10-JUN-1998; 98US-0088824P.
PR 10-JUN-1998; 98US-0088826P.
PR 11-JUN-1998; 98US-0088858P.
PR 11-JUN-1998; 98US-0088861P.
PR 11-JUN-1998; 98US-0088876P.
PR 12-JUN-1998; 98US-0088910P.
PR 16-JUN-1998; 98US-0089440P.
PR 16-JUN-1998; 98US-0089512P.
PR 16-JUN-1998; 98US-0089514P.
PR 17-JUN-1998; 98US-0089532P.
PR 17-JUN-1998; 98US-0089538P.
PR 17-JUN-1998; 98US-0089588P.
PR 17-JUN-1998; 98US-0089599P.
PR 17-JUN-1998; 98US-0089600P.
PR 17-JUN-1998; 98US-0089653P.
PR 18-JUN-1998; 98US-0089801P.
PR 18-JUN-1998; 98US-0089907P.
PR 18-JUN-1998; 98US-0089908P.
PR 19-JUN-1998; 98US-0089947P.
PR 19-JUN-1998; 98US-0089948P.
PR 19-JUN-1998; 98US-0089952P.
PR 22-JUN-1998; 98US-0090246P.
PR 22-JUN-1998; 98US-0090252P.
PR 22-JUN-1998; 98US-0090254P.
PR 23-JUN-1998; 98US-0090349P.
PR 23-JUN-1998; 98US-0090355P.
PR 24-JUN-1998; 98US-0090429P.
PR 24-JUN-1998; 98US-0090431P.
PR 24-JUN-1998; 98US-0090435P.
PR 24-JUN-1998; 98US-0090444P.
PR 24-JUN-1998; 98US-0090445P.
PR 24-JUN-1998; 98US-0090472P.
PR 24-JUN-1998; 98US-0090535P.
PR 24-JUN-1998; 98US-0090540P.
PR 24-JUN-1998; 98US-0090542P.
PR 25-JUN-1998; 98US-0090557P.
PR 25-JUN-1998; 98US-0090676P.
PR 25-JUN-1998; 98US-0090678P.
PR 25-JUN-1998; 98US-0090690P.
PR 25-JUN-1998; 98US-0090694P.
PR 25-JUN-1998; 98US-0090695P.
PR 25-JUN-1998; 98US-0090696P.
PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0090863P.
PR 01-JUL-1998; 98US-0091360P.
PR 01-JUL-1998; 98US-0091544P.
PR 02-JUL-1998; 98US-0091478P.
PR 02-JUL-1998; 98US-0091519P.
PR 02-JUL-1998; 98US-0091626P.
PR 02-JUL-1998; 98US-0091628P.
PR 02-JUL-1998; 98US-0091633P.
PR 02-JUL-1998; 98US-0091646P.
PR 02-JUL-1998; 98US-0091673P.
PR 07-JUL-1998; 98US-0091978P.
PR 07-JUL-1998; 98US-0091982P.
PR 09-JUL-1998; 98US-0092182P.
PR 10-JUL-1998; 98US-0092472P.
PR 20-JUL-1998; 98US-0093339P.
PR 30-JUL-1998; 98US-0094651P.
PR 04-AUG-1998; 98US-0095282P.
PR 04-AUG-1998; 98US-0095285P.
PR 04-AUG-1998; 98US-0095301P.
PR 04-AUG-1998; 98US-0095302P.
PR 04-AUG-1998; 98US-0095318P.
PR 04-AUG-1998; 98US-0095321P.
PR 04-AUG-1998; 98US-0095325P.
PR 10-AUG-1998; 98US-0095916P.
PR 10-AUG-1998; 98US-0095925P.
PR 10-AUG-1998; 98US-0096012P.

```

PR 11-AUG-1998; 98US-0096143P.
PR 11-AUG-1998; 98US-0096146P.
PR 12-AUG-1998; 98US-0096329P.
PR 13-AUG-1998; 98US-0096757P.
PR 17-AUG-1998; 98US-0096766P.
PR 17-AUG-1998; 98US-0096768P.
PR 17-AUG-1998; 98US-0096773P.
PR 17-AUG-1998; 98US-0096791P.
PR 17-AUG-1998; 98US-0096867P.
PR 17-AUG-1998; 98US-0096891P.
PR 17-AUG-1998; 98US-0096894P.
PR 17-AUG-1998; 98US-0096895P.
PR 17-AUG-1998; 98US-0096897P.
PR 18-AUG-1998; 98US-0096949P.
PR 18-AUG-1998; 98US-0096950P.
PR 18-AUG-1998; 98US-0096959P.
PR 18-AUG-1998; 98US-0096960P.
PR 18-AUG-1998; 98US-0097022P.
PR 19-AUG-1998; 98US-0097141P.
PR 20-AUG-1998; 98US-0097218P.
PR 24-AUG-1998; 98US-0097661P.
PR 26-AUG-1998; 98US-0097952P.
PR 26-AUG-1998; 98US-0097954P.
PR 26-AUG-1998; 98US-0097955P.
PR 26-AUG-1998; 98US-0097971P.
PR 26-AUG-1998; 98US-0097974P.
PR 26-AUG-1998; 98US-0097978P.
PR 26-AUG-1998; 98US-0097979P.
PR 26-AUG-1998; 98US-0097986P.
PR 26-AUG-1998; 98US-0098014P.
PR 31-AUG-1998; 98US-0098525P.
PR 16-SEP-1998; 98US-0100634P.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98US-0100858P.
PR 17-SEP-1998; 98WO-US019437.
PR 01-OCT-1998; 98WO-US021141.
PR 02-DEC-1998; 98WO-US025108.
PR 22-DEC-1998; 98US-0113296P.
PR 05-JAN-1999; 98WO-US000106.
PR 08-MAR-1999; 98WO-US005028.
PR 12-MAR-1999; 98US-0123957P.
PR 02-JUN-1999; 98WO-US012252.
PR 23-JUN-1999; 98US-0143037P.
PR 07-JUL-1999; 98US-0143048P.
PR 20-JUL-1999; 98US-0144758P.
PR 26-JUL-1999; 98US-0145698P.
PR 28-JUL-1999; 98US-0146222P.
PR 17-AUG-1999; 98US-0149396P.
PR 15-SEP-1999; 98WO-US021090.
PR 15-SEP-1999; 98WO-US021547.
PR 08-OCT-1999; 98US-0158663P.
PR 30-NOV-1999; 98WO-US028313.
PR 01-DEC-1999; 98WO-US028301.
PR 01-DEC-1999; 98WO-US028634.
PR 16-DEC-1999; 98WO-US030095.
PR 20-DEC-1999; 98WO-US030911.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 10-MAR-2000; 2000WO-US005841.
PR 02-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 30-MAR-2000; 2000WO-US008439.
PR 15-MAY-2000; 2000WO-US013358.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.

PR 23-JUN-2000; 2000US-0213637P.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.

Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. NO. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSPFLMGTFLSVSQTVLAQDALLVFPQVQAQLSCTLSQHVITIRDYGVSWYQQR 60
DB 1 MACRCLSPFLMGTFLSVSQTVLAQDALLVFPQVQAQLSCTLSQHVITIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSBEDHHRPADIPDRFSAKDEAHNACVLTISVPQEDDADYVCYGYG 120
DB 61 AGSAPRYLLYRSBEDHHRPADIPDRFSAKDEAHNACVLTISVPQEDDADYVCYGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 189
ADE32895
ID ADE32895 standard; protein; 123 AA.
XX AC ADE32895;
XX DT 29-JAN-2004 (first entry)
XX DE Novel human secreted and transmembrane protein PRO619.
XX KW Human; secreted and transmembrane protein; PRO;
XX KW Tumour necrosis factor alpha release; TNF-alpha release;
XX KW Glucose uptake modulator; FFA uptake modulator;
XX KW Cell proliferation stimulator; cell differentiation stimulator;
XX KW Cell differentiation inhibitor; cytokine release stimulator; tumour;
XX KW Lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
XX KW Cervical tumour; liver tumour; chromosome mapping; gene mapping;
XX KW Gene therapy; chromosome identification; chromosome marker.
XX OS Homo sapiens.
XX US2003194766-A1.
XX PD 16-OCT-2003.
XX PF 14-MAY-2002; 2002US-00145874.
XX XX
XX 05-JUN-2000; 2000US-0209832P.
XX 01-DEC-2000; 2000WO-US032678.
XX 19-DEC-2001; 2001US-00028072.
XX (GETH ) GENENTECH INC.
XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
XX PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
XX PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI: 2003-899785/82.
XX DR N-PSDB; ADE32894.
XX PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
XX useful for treating pericyte-associated tumors, diabetes and various bone
XX and/or cartilage disorders, e.g. arthritis.
XX PS Claim 12; SEQ ID NO 402; 636pp; English.
XX CC The invention describes 305 nucleic acids encoding PRO (secreted and
XX transmembrane) polypeptides (I). (I) is useful for stimulating the
XX release of TNF-alpha from human blood, for modulating the uptake of
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for

```

stimulating the proliferation or differentiation of chondrocyte cells, for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the release of proteoglycans from cartilage, for stimulating the proliferation of inner ear utricular supporting cells, for stimulating the proliferation of T-lymphocyte cells, for stimulating the release of a cytokine from PBMC cells, for inhibiting the binding of a peptide to factor VIIA, for inhibiting the differentiation of adipocyte cells, for stimulating proliferation of endothelial cells, for detecting the presence of tumour in a mammal. The tumour is lung, colon, breast, prostate, rectal, cervical or liver tumour. The oligonucleotide probes are useful for isolating genomic and cDNA nucleotide sequences or antisense probes. (I) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (I) and (II) are useful for tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide.

XX
SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;

Best Local Similarity 100.0%; Pred. No. 4.3e-62;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLFLLMGTFSLVSQTVLAQDALLVFPQVAQLSCTLSPOHVTIRDYGVSQYQOR 60

Db 1 MACRCLFLLMGTFSLVSQTVLAQDALLVFPQVAQLSCTLSPOHVTIRDYGVSQYQOR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSYGVG 120

Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSYGVG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 190

IDE42587

ID ADE42587 standard; protein; 123 AA.

AC ADE42587;

DT 29-JAN-2004 (first entry)

XX Human PRO polypeptide #201.

DE

XX

KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

KW immune system cell infiltration.

XX

OS Homo sapiens.

XX

PN US2003199032-A1.

XX

PD 23-OCT-2003.

XX

PF 28-MAY-2002; 2002US-00156844.

XX 03-MAR-2000; 2000US-0187202P.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

PA Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI: 2003-900161/82.

DR N-FSDB; ADE42586.

DR

XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,

PT useful for treating pericyte-associated tumors, diabetes and various bone

PT and/or cartilage disorders, e.g. arthritis.

XX Claim 12; Fig 402; 636pp; English.

XX

XX The invention relates to isolated human PRO polypeptides (secreted and

CC transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumour necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating

CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in

CC generating either transgenic animals or knock-out animals which are

CC useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or

CC antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of

CC glucose or PFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating

CC proliferation of or gene expression in pericyte cells, for stimulating

CC the proliferation of inner ear utricular supporting cells or T-lymphocyte

CC cells, for inducing endothelial cell tube formation and for treating

CC various bone and/or cartilage disorders such as sports injuries and

CC arthritis. PRO polypeptides which stimulate the release of proteoglycans

CC from cartilage are useful for treating sports-related joint problems, PRO

CC articular cartilage defects, osteoarthritis and rheumatoid arthritis, PRO

CC polypeptides are also useful for treating various mammalian haemoglobin-

CC associated disorders such as various thalassaemias and conditions which

CC may benefit from enhanced local immune system cell infiltration. This

CC sequence represents a human PRO polypeptide of the invention. Note: The

CC sequence data for this patent is also available in electronic format from

CC USPTO at seqdata.uspto.gov/sequence.html.

XX

SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;

Best Local Similarity 100.0%; Pred. No. 4.3e-62;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLFLLMGTFSLVSQTVLAQDALLVFPQVAQLSCTLSPOHVTIRDYGVSQYQOR 60

Db 1 MACRCLFLLMGTFSLVSQTVLAQDALLVFPQVAQLSCTLSPOHVTIRDYGVSQYQOR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSYGVG 120

Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSYGVG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 191

ADD80603
ID ADD80603 standard; protein; 123 AA.

AC ADD80603;

XX 29-JAN-2004 (first entry)

XX Human PRO polypeptide #201.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;
KW immune system cell infiltration.

OS Homo sapiens.

PN US2003207418-A1.

XX 06-NOV-2003.

XX 07-MAY-2002; 2002US-00140809.

XX 31-MAR-1997; 97WO-US005230.

PR 12-JUN-1998; 98WO-US012456.

PR 14-JUL-1998; 98WO-US014552.

PR 28-AUG-1998; 98WO-US017888.

PR 10-SEP-1998; 98WO-US018824.

PR 14-SEP-1998; 98WO-US019093.

PR 14-SEP-1998; 98WO-US019094.

PR 16-SEP-1998; 98WO-US019177.

PR 16-SEP-1998; 98WO-US019330.

PR 17-SEP-1998; 98WO-US019437.

PR 07-OCT-1998; 98WO-US021141.

PR 29-OCT-1998; 98WO-US022991.

PR 20-NOV-1998; 98WO-US024855.

PR 01-DEC-1998; 98WO-US025108.

PR 05-JAN-1999; 99WO-US000106.

PR 08-MAR-1999; 99WO-US005028.

PR 10-MAR-1999; 99WO-US005190.

PR 20-APR-1999; 2000WO-US006319.

PR 14-MAY-1999; 99WO-US008615.

PR 02-JUN-1999; 99WO-US010723.

PR 01-SEP-1999; 99WO-US012252.

PR 08-SEP-1999; 99WO-US020111.

PR 13-SEP-1999; 99WO-US020594.

PR 15-SEP-1999; 99WO-US020944.

PR 15-SEP-1999; 99WO-US021090.

PR 05-OCT-1999; 99WO-US021547.

PR 29-NOV-1999; 99WO-US023089.

PR 30-NOV-1999; 99WO-US028214.

PR 30-NOV-1999; 99WO-US028313.

PR 01-DEC-1999; 99WO-US028409.

PR 01-DEC-1999; 99WO-US028301.

PR 01-DEC-1999; 99WO-US028634.

PR 02-DEC-1999; 99WO-US028551.

PR 02-DEC-1999; 99WO-US028564.

PR 16-DEC-1999; 99WO-US028565.

PR 20-DEC-1999; 99WO-US030095.

PR 20-DEC-1999; 99WO-US030911.

PR 22-DEC-1999; 99WO-US030999.

PR 30-DEC-1999; 99WO-US030720.

PR 30-DEC-1999; 99WO-US031243.

PR 05-JAN-2000; 2000WO-US000219.

PR 06-JAN-2000; 2000WO-US000277.

PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 01-MAR-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030352.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-0074259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808889.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI: 2003-875968/81.

DR N-PSDB; ADD80602.

XX New PRO nucleic acid, useful for manufacturing a medicament for
PT diagnosing or treating tumor, for chromosome mapping or for tissue
typing.

XX Claim 12; Fig 402; 638pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC the USPTO website at seqdata.uspto.gov.

XX Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

Db 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSYGVG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSYGVG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 192

ADD89631

ID ADD89631 standard; protein; 123 AA.

XX AC ADD89631;

XX DT 29-JAN-2004 (first entry)

DE DE Human PRO polypeptide #201.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.

XX OS Homo sapiens.

XX US2003199028-A1.

XX 23-OCT-2003.

XX 22-MAY-2002; 2002US-00153552.

XX 03-MAR-2000; 2000US-0197202P.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI: 2003-900158/82.

XX N-PSDB; ADD89630.

XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
 PT useful for treating pericyte-associated tumors, diabetes and various bone
 PT and/or cartilage disorders, e.g. arthritis.

XX Claim 12; Fig 402; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells, for stimulating
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC the USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

Db 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSYGVG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSYGVG 120

Qy 121 FSP 123
Db 121 FSP 123

RESULT 193

ADAE0915
ID ADAE0915 standard; protein; 123 AA.

XX AC ADAE0915;

XX DT 29-JAN-2004 (first entry)

XX DE Human PRO polypeptide #201.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

XX OS Homo sapiens.

XX FN US2003199031-A1.

XX XX 23-OCT-2003.

XX PF 28-MAY-2002; 2002US-00156842.

XX FR 05-JUN-2000; 2000US-0209832P.

XX FR 01-DEC-2000; 2000WO-US032678.

XX PR 19-DEC-2001; 2001US-00028072.

XX XX (GETH) GENENTECH INC.

XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX DR WPI; 2003-900160/82.

XX DR N-PSDB; ADAE40914.

XX PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.

XX PS Claim 12; Fig 402; 637pp; English.

XX CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumors, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRLSFLMGTFLSVSQTVAQLDALLVPPGVAQLSCTLSPOHVTIRDYGSWYQOR 60

Db 1 MACRLSFLMGTFLSVSQTVAQLDALLVPPGVAQLSCTLSPOHVTIRDYGSWYQOR 60

Qy 61 AGSAPRYLLYRSEEDHRRPADIPRFSAAKDEAHNACVLTISPQPEDDADYVCVGYG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPRFSAAKDEAHNACVLTISPQPEDDADYVCVGYG 120

Qy 121 FSP 123

Db 121 FSP 123

RESULT 194

ADAE04714

ID ADAE04714 standard; protein; 123 AA.

XX AC ADAE04714;

XX DT 29-JAN-2004 (first entry)

XX XX Human PRO polypeptide #201.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

KW immune system cell infiltration.

XX OS Homo sapiens.

XX XX US2003199031-A1.

XX PN 23-OCT-2003.

XX PF 28-MAY-2001; 2001US-00156846.

XX PR 03-MAR-2000; 2000US-0187202P.

XX PR 01-DEC-2000; 2000WO-US032678.

XX PR 19-DEC-2001; 2001US-00028072.

XX XX (GETH) GENENTECH INC.

XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX XX

DR WPI; 2003-900163/82.
DR N-PSDB; ADE04713.
XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX
PS Claim 12; Fig 402; 637pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 123 AA;
Query Match 100.0%; Score 657; DB 7; Length 123;
Best Local Similarity 100.0%; Pred. No. 4,3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSLFMGTFLSVQTVLAQLDALLVFPQVNAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSLFMGTFLSVQTVLAQLDALLVFPQVNAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYCVSGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYCVSGYG 120
QY 121 FSP 123
DB 121 FSP 123
RESULT 195
ID ADC81139
XX ADC81139 standard; protein; 123 AA.
AC ADC81139;
XX
XX 15-JAN-2004 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO619.
XX Human; secreted and transmembrane protein; PRO; secreted polypeptide;

KW transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;
KW chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;
KW rectum; kidney; cervix; liver; microvascular endothelial cell;
KW glucose uptake modulator; FFA uptake modulator; cell proliferation;
KW cell differentiation; skeletal muscle cell; adipocyte cell;
KW pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;
KW immune system cell infiltration; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX
OS Homo sapiens.
PN US2003092115-A1.
XX
PD 15-MAY-2003.
XX
PF 30-MAY-2002; 2002US-00158785.
XX
PR 05-JUN-2000; 2000US-0209832P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerlicsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
DR WPI; 2004-020238/02.
DR N-PSDB; ADC81138.
XX
PT New secreted and transmembrane nucleic acids and polypeptides, designated
PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,
PT cardiac injury, infertility, birth defects, premature aging, AIDS, or
PT cancer.
XX
XX Claim 12; Fig 402; 637pp; English.
CC
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte
CC cells, for stimulating differentiation of adipocyte cells, for
CC stimulating proliferation of or gene expression in pericyte cells, for
CC stimulating the proliferation of inner ear utricular supporting cells or
CC T-lymphocyte cells, for inducing endothelial cell tube formation and for
CC treating various bone and/or cartilage disorders such as sports injuries
CC and arthritis. PRO polypeptides which stimulate the release of
CC proteoglycans from cartilage are useful for treating sports-related joint
CC problems, articular cartilage defects, osteoarthritis and rheumatoid
CC arthritis. PRO polypeptides are also useful for treating various
CC mammalian haemoglobin-associated disorders such as various thalassaemias
CC and conditions which may benefit from enhanced local immune system cell
CC infiltration. This sequence represents a human PRO polypeptide of the
CC invention. Note: The sequence data for this patent is also available in
CC electronic format from USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 123 AA;
SQ Query Match
Best Local Similarity 100.0%; Score 657; DB 8; Length 123;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSLGMLTSLVSQTVLAQDALLVFPQVAGLSCTLSPOHVTIIRDYGVSWYQQR 60
DB 1 MACRCLSLGMLTSLVSQTVLAQDALLVFPQVAGLSCTLSPOHVTIIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSBEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSBEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123
RESULT 196
ADD76587
ID ADD76587 standard; protein; 123 AA.
AC ADD76587;
XX 29-JAN-2004 (first entry)
DT Human PRO polypeptide #201.
DE
XX
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
XX US2003100087-A1.
XX
XX 29-MAY-2003.
XX
XX 16-APR-2002; 2002US-00123912.
XX
XX 31-MAR-1997; 97WO-US005230.
XX 12-JUN-1998; 98WO-US012456.
XX 28-AUG-1998; 98WO-US014552.
XX 10-SEP-1998; 98WO-US017888.
XX 14-SEP-1998; 98WO-US018824.
XX 14-SEP-1998; 98WO-US019093.
XX 14-SEP-1998; 98WO-US019094.
XX 16-SEP-1998; 98WO-US019177.
XX 16-SEP-1998; 98WO-US019330.
XX 07-OCT-1998; 98WO-US019437.
XX 29-OCT-1998; 98WO-US022991.
XX 29-OCT-1998; 98WO-US022992.
XX 01-DEC-1998; 98WO-US024855.
XX 05-JAN-1999; 99WO-US000106.
XX 08-MAR-1999; 99WO-US005028.
XX 10-MAR-1999; 99WO-US005190.
XX 20-APR-1999; 99WO-US008615.
XX 14-MAY-1999; 99WO-US010733.
XX 02-JUN-1999; 99WO-US012252.
XX 01-SEP-1999; 99WO-US020111.
XX 08-SEP-1999; 99WO-US020594.
XX 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 29-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908627.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.

```

PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH ) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2004-008956/01.
DR N-PSDB; ADD76596.
XX
XX New PRO nucleic acid, useful for recombinantly producing a PRO
PT polypeptide and for manufacturing a medicament for diagnosing or treating
PT a tumor.
XX
PS Claim 12; Fig 402; 638pp; English.
XX
XX The invention relates to isolated human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the polynucleotides encoding them. The
XX invention also relates to an antibody which specifically binds to a PRO
XX polypeptide, a method for stimulating the release of tumour necrosis
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
XX proliferation or differentiation of chondrocyte cells and a method for
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
XX polynucleotides are useful in molecular biology, including uses as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also
XX be used in preparing PRO polypeptides by recombinant techniques and in
XX generating either transgenic animals or knock-out animals which are
XX useful in the development and screening of therapeutically useful
XX reagents. The PRO polypeptides or antibodies are used in preparing a
XX medicament for treating a condition responsive to the polypeptides or
XX antibodies, such as tumours, for stimulating and inhibiting proliferation
XX of human microvascular endothelial cells, for modulating the uptake of
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for
XX stimulating differentiation of adipocyte cells, for stimulating
XX the proliferation of or gene expression in pericyte cells, for stimulating
XX cells, for inducing endothelial cell tube formation and for treating
XX various bone and/or cartilage disorders such as sports injuries and
XX arthritis. PRO polypeptides which stimulate the release of proteoglycans
XX from cartilage are useful for treating sports-related joint problems,
XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
XX polypeptides are also useful for treating various mammalian haemoglobin-
XX associated disorders such as various thalassemias and conditions which
XX may benefit from enhanced local immune system cell infiltration. This
XX sequence represents a human PRO polypeptide of the invention. Note: The
XX sequence data for this patent is also available in electronic format from
XX USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 123 AA;
Query Match 100.0%; Score 657; DB 8; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVSTVLQALDALLVFPQVAQLSCTLSPOHVTIRDVGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVSTVLQALDALLVFPQVAQLSCTLSPOHVTIRDVGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYCVSGVYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYCVSGVYG 120
QY 121 FSP 123
DB 121 FSP 123
RESULT 197
ADD87951

```

```

ID ADD87951 standard; protein; 123 AA.
XX
AC ADD87951;
XX
DT 29-JAN-2004 (first entry)
XX
XX Human PRO polypeptide #201.
DE
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalasassaemia;
KW immune system cell infiltration.
XX
XX Homo sapiens.
OS
XX
XX US2003092113-A1.
PN
XX
XX 15-MAY-2003.
PD
XX
XX 16-MAY-2002; 2002US-00147523.
PF
XX
XX 09-DEC-1999; 99US-0170262P.
PR
XX
XX 01-DEC-2000; 2000WO-US032678.
PR
XX
XX 19-DEC-2001; 2001US-00028072.
PR
XX
XX (GETH ) GENENTECH INC.
PA
XX
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
XX WPI; 2004-020237/02.
XX N-PSDB; ADD87950.
XX
XX New secreted and transmembrane nucleic acids and polypeptides, designated
XX as PRO, useful for treating inflammation, organ failure, atherosclerosis,
XX cardiac injury, infertility, birth defects, premature aging, AIDS, or
XX cancer.
XX
XX Claim 12; Fig 402; 637pp; English.
XX
XX The invention relates to isolated human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the polynucleotides encoding them. The
XX invention also relates to an antibody which specifically binds to a PRO
XX polypeptide, a method for stimulating the release of tumour necrosis
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
XX proliferation or differentiation of chondrocyte cells and a method for
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
XX polynucleotides are useful in molecular biology, including uses as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also
XX be used in preparing PRO polypeptides by recombinant techniques and in
XX generating either transgenic animals or knock-out animals which are
XX useful in the development and screening of therapeutically useful
XX reagents. The PRO polypeptides or antibodies are used in preparing a
XX medicament for treating a condition responsive to the polypeptides or
XX antibodies, such as tumours, for stimulating and inhibiting proliferation
XX of human microvascular endothelial cells, for modulating the uptake of
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for
XX stimulating differentiation of adipocyte cells, for stimulating
XX the proliferation of or gene expression in pericyte cells, for stimulating
XX cells, for inducing endothelial cell tube formation and for treating
XX various bone and/or cartilage disorders such as sports injuries and
XX arthritis. PRO polypeptides which stimulate the release of proteoglycans
XX from cartilage are useful for treating sports-related joint problems,
XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
XX polypeptides are also useful for treating various mammalian haemoglobin-
XX associated disorders such as various thalassemias and conditions which
XX may benefit from enhanced local immune system cell infiltration. This
XX sequence represents a human PRO polypeptide of the invention. Note: The
XX sequence data for this patent is also available in electronic format from
XX USPTO at seqdata.uspto.gov/sequence.html.
XX
XX

```

CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.

XX
 SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 8; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACCLSLFLMGTFLLSVSQTVLQDLALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60

Db 1 MACCLSLFLMGTFLLSVSQTVLQDLALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYYRSEDDHRRPADIPDRFSAKDEAHNACVLITISVPQPEDDADYCVSVYG 120

Db 61 AGSAPRYLLYYRSEDDHRRPADIPDRFSAKDEAHNACVLITISVPQPEDDADYCVSVYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 198

ADD86355

ID ADD86355 standard; protein; 123 AA.

XX AC ADD86355;

XX DT 29-JAN-2004 (first entry)

XX DE Human PRO polypeptide #201.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

KW immune system cell infiltration.

XX OS Homo sapiens.

XX PN US2003203440-A1.

XX PD 30-OCT-2003.

XX PF 29-MAY-2002; 2002US-00157798.

XX PR 05-JUN-2000; 2000US-0209832P.

XX PR 01-DEC-2000; 2000WO-US032878.

XX PR 19-DEC-2001; 2001US-00028072.

XX FA (GETH) GENENTECH INC.

XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tamas D, Watanabe CK, Wood WI, Zhang Z;

DR WPI; 2004-021363/02.

DR N-ESDB; ADD86354.

XX PT New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or

PRO4978, useful in molecular biology, chromosome and gene mapping, in

PT generating antisense RNA and DNA, and in gene therapy.

XX

PS Claim 12; Fig 402; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC the proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 8; Length 123;

Best Local Similarity 100.0%; Pred. No. 4.3e-62;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACCLSLFLMGTFLLSVSQTVLQDLALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60

Db 1 MACCLSLFLMGTFLLSVSQTVLQDLALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYYRSEDDHRRPADIPDRFSAKDEAHNACVLITISVPQPEDDADYCVSVYG 120

Db 61 AGSAPRYLLYYRSEDDHRRPADIPDRFSAKDEAHNACVLITISVPQPEDDADYCVSVYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 199

ADD86355

ID ADE75803 standard; protein; 123 AA.

XX AC ADE75803;

XX DT 29-JAN-2004 (first entry)

XX DE Human PRO polypeptide #201.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX Homo sapiens.
OS US2003211571-A1.
PN 13-NOV-2003.
XX 20-MAY-2002; 2002US-00152405.
XX 03-MAR-2000; 2000US-0187202P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith-V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2004-051576/05.
DR N-PSDB; ADE75802.
XX New secreted and transmembrane PRO polypeptide and nucleic acid encoding
PT it, for use in gene therapy, as diagnostic markers for the presence of a
PT disease condition, or as therapeutic targets for treating tumors,
PT diabetes, or arthritis.
PS Claim 12; Fig 402; 637pp; English.
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
XX
XX
SQ Sequence 123 AA;
Query Match 100.0%; Score 657; DB 8; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 MACRCLFLLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHQVTRDYGVSNYQQR 60
Qy 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDAHNACVLITISPVQEDDADYVCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDAHNACVLITISPVQEDDADYVCSVGYG 120
Qy 121 FSP 123
Db 121 FSP 123
RESULT 200
ADE23379
ID ADE23379 standard; protein; 123 AA.
XX ADE23379;
XX 29-JAN-2004 (first entry)
DE Human PRO polypeptide #201.
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX Homo sapiens.
OS US2003092108-A1.
XX 15-MAY-2003.
XX 24-APR-2002; 2002US-00131835.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2004-020234/02.
DR N-PSDB; ADE23378.
XX New secreted and transmembrane nucleic acids and polypeptides, designated
PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,
PT cardiac injury, infertility, birth defects, premature aging, AIDS, or
PT cancer.
XX Claim 12; Fig 402; 637pp; English.
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC the proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC the USPTO website at seqdata.uspto.gov.
 XX SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 8; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRLSFLMGTFSLVSQTVLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGSVWYQQR 60
 DB 1 MACRLSFLMGTFSLVSQTVLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGSVWYQQR 60
 QY 61 AGSAPRYLLYRSBEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYCSVGYG 120
 DB 61 AGSAPRYLLYRSBEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYCSVGYG 120
 QY 121 FSP 123
 DB 121 FSP 123

RESULT 201
 ADE23931
 ID ADE23931 standard; protein; 123 AA.
 AC ADE23931;
 XX 29-JAN-2004 (first entry)
 DE Human PRO polypeptide #201.
 KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; T-lymphocyte cell;
 KW endothelial cell tube formation; bone disorder; cartilage disorder;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 KW immune system cell infiltration.
 XX Homo sapiens.
 OS US2003092110-A1.
 FN 15-MAY-2003.
 PD 03-MAY-2002; 2002US-00137864.
 PF 03-MAR-2000; 2000US-0187202P.
 FR 01-DEC-2000; 2000WO-US032678.
 PR 19-DEC-2001; 2001US-00028072.
 XX (GETH) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski RJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WJ, Zhang Z;
 XX WPI; 2004-020235/02.
 DR N-PSDB; ADE23930.
 XX New secreted and transmembrane nucleic acids and polypeptides, designated
 PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,
 PT cardiac injury, infertility, birth defects, premature aging, AIDS, or
 PT cancer.
 PS Claim 12; Fig 402; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC the proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC the USPTO website at seqdata.uspto.gov.

XX SQ Sequence 123 AA;
 Query Match 100.0%; Score 657; DB 8; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRLSFLMGTFSLVSQTVLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGSVWYQQR 60
 DB 1 MACRLSFLMGTFSLVSQTVLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGSVWYQQR 60
 QY 61 AGSAPRYLLYRSBEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYCSVGYG 120
 DB 61 AGSAPRYLLYRSBEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYCSVGYG 120
 QY 121 FSP 123
 DB 121 FSP 123
 RESULT 202
 ADE24574
 ID ADE24574 standard; protein; 123 AA.
 XX ADE24574;
 AC ADE24574;

XX 29-JAN-2004 (first entry)
XX Human PRO polypeptide #201.
XX
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
XX Homo sapiens.
OS
XX US2003092111-A1.
PN
XX 15-MAY-2003.
XX
XX 03-MAY-2002; 2002US-00137869.
PF
XX 03-MAR-2000; 2000US-0187202P.
PR
XX 01-DEC-2000; 2000WO-US032678.
PR
XX 19-DEC-2001; 2001US-00028072.
PR
XX (GETH) GENENTECH INC.
PA
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
XX WPI: 2004-020236/02.
DR N-PSDB; ADE24573.
DR
XX New secreted and transmembrane nucleic acid useful for treating
PT inflammation, organ failure, atherosclerosis, cardiac injury,
PT infertility, birth defects, premature aging, acquired immunodeficiency
PT syndrome, or cancer.
PT
XX Claim 12; Fig 402; 637pp; English.
PS
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems, PRO
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which

CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.
XX
XX SQ Sequence 123 AA;
Query Match 100.0%; Score 657; DB 8; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62; Indels 0; Gaps 0;
Matches 123; Conservative 0; Mismatches 0;
QY 1 MACRCLSLFLMGTLFSLVSQTVLAQLDALLVFPQVQALSTLSPQHVTIRDYGVSWYQQR 60
Db 1 MACRCLSLFLMGTLFSLVSQTVLAQLDALLVFPQVQALSTLSPQHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAARDEAHNACVLITISPVQEDDADYVCSVYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAARDEAHNACVLITISPVQEDDADYVCSVYG 120
QY 121 FSP 123
Db 121 FSP 123
RESULT 203
ADD87399
ID ADD87399 standard; protein; 123 AA.
XX
XX AC ADD87399;
XX
XX DT 29-JAN-2004 (first entry)
XX DE Human PRO polypeptide #201.
XX
XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
XX Homo sapiens.
OS
XX US2003203439-A1.
PN
XX 30-OCT-2003.
PD
XX 17-MAY-2002; 2002US-00147499.
PF
XX 04-AUG-1998; 98US-0095301P.
PR 02-JUN-1999; 99WO-US012252.
PR 30-MAR-2000; 2000US-00380137.
PR 30-MAR-2000; 2000WO-US008439.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
XX (GETH) GENENTECH INC.
PA
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
XX WPI: 2004-021362/02.
DR N-PSDB; ADD87398.
DR
XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PT PRO4978, useful in molecular biology, chromosome and gene mapping, in
PT generating antisense RNA and DNA, and in gene therapy.
XX

PS Claim 12; Fig 402; 648pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 8; Length 123;
Best Local Similarity 100.0%; Pred. No. 4.3e-62;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MACRCLFLMGTFSLVSQTVLAQLDALLVFPFGVAQLSTLSPQHTIRDYGVSWYQQR 60
Db 1 MACRCLFLMGTFSLVSQTVLAQLDALLVFPFGVAQLSTLSPQHTIRDYGVSWYQQR 60
Qy 61 AGSAPRYLLYRSDEHRRPADIDPFSAAKDEAHNAACVLTISPQPEDDADYVCVGVG 120
Db 61 AGSAPRYLLYRSDEHRRPADIDPFSAAKDEAHNAACVLTISPQPEDDADYVCVGVG 120
Qy 121 FSP 123
Db 121 FSP 123

RESULT 204

AD89265

ID AD89265 standard; protein; 123 AA.

XX AC AD89265;

XX DT 29-JAN-2004 (first entry)

XX DE Human PRO polypeptide #201.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

XX Homo sapiens.

PN US2003199062-A1.

XX 23-OCT-2003.

XX 17-APR-2002; 2002US-00124823.

XX 31-MAR-1997; 97WO-US0005230.

XX 12-JUN-1998; 98WO-US012456.

XX 14-JUL-1998; 98WO-US014552.

XX 28-AUG-1998; 98WO-US017888.

XX 10-SEP-1998; 98WO-US018824.

XX 14-SEP-1998; 98WO-US019093.

XX 14-SEP-1998; 98WO-US019094.

XX 16-SEP-1998; 98WO-US019330.

XX 17-SEP-1998; 98WO-US019437.

XX 07-OCT-1998; 98WO-US021141.

XX 29-OCT-1998; 98WO-US022991.

XX 20-NOV-1998; 98WO-US024855.

XX 01-DEC-1998; 98WO-US025108.

XX 05-JAN-1999; 99WO-US000106.

XX 08-MAR-1999; 99WO-US005028.

XX 10-MAR-1999; 99WO-US005190.

XX 20-APR-1999; 99WO-US006319.

XX 14-MAY-1999; 99WO-US010733.

XX 02-JUN-1999; 99WO-US012252.

XX 01-SEP-1999; 99WO-US020111.

XX 08-SEP-1999; 99WO-US020594.

XX 13-SEP-1999; 99WO-US020944.

XX 15-SEP-1999; 99WO-US021090.

XX 05-OCT-1999; 99WO-US021547.

XX 29-NOV-1999; 99WO-US028214.

XX 30-NOV-1999; 99WO-US028313.

XX 30-NOV-1999; 99WO-US028409.

XX 01-DEC-1999; 99WO-US028301.

XX 01-DEC-1999; 99WO-US028634.

XX 02-DEC-1999; 99WO-US028551.

XX 02-DEC-1999; 99WO-US028564.

XX 02-DEC-1999; 99WO-US028565.

XX 16-DEC-1999; 99WO-US030095.

XX 20-DEC-1999; 99WO-US030911.

XX 22-DEC-1999; 99WO-US030999.

XX 30-DEC-1999; 99WO-US031243.

XX 30-DEC-1999; 99WO-US031274.

XX 05-JAN-2000; 2000WO-US000219.

XX 06-JAN-2000; 2000WO-US000277.

XX 06-JAN-2000; 2000WO-US000376.

XX 11-FEB-2000; 2000WO-US000355.

XX 18-FEB-2000; 2000WO-US004341.

XX 18-FEB-2000; 2000WO-US004342.

XX 22-FEB-2000; 2000WO-US004414.

XX 24-FEB-2000; 2000WO-US004914.

XX 24-FEB-2000; 2000WO-US005004.

XX 01-MAR-2000; 2000WO-US005601.

XX 02-MAR-2000; 2000WO-US005746.

XX 02-MAR-2000; 2000WO-US005841.

XX 15-MAR-2000; 2000WO-US006884.

XX 20-MAR-2000; 2000WO-US007377.

XX 21-MAR-2000; 2000WO-US007532.

XX 30-MAR-2000; 2000WO-US008439.

XX 17-MAY-2000; 2000WO-US013705.

XX 22-MAY-2000; 2000WO-US014042.

XX 30-MAY-2000; 2000WO-US014941.

XX 02-JUN-2000; 2000WO-US015264.

28-JUL-2000; 2000WO-US020710.
 PR 11-AUG-2000; 2000WO-US022031.
 PR 23-AUG-2000; 2000WO-US023522.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 08-NOV-2000; 2000WO-US030952.
 PR 10-NOV-2000; 2000WO-US030873.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 20-DEC-2000; 2000US-00747259.
 PR 20-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001US-00796498.
 PR 28-FEB-2001; 2001WO-US006520.
 PR 01-MAR-2001; 2001WO-US006666.
 PR 09-MAR-2001; 2001US-00802706.
 PR 14-MAR-2001; 2001US-00808689.
 PR 22-MAR-2001; 2001US-00816744.
 PR 05-APR-2001; 2001US-00828366.
 PR 10-MAY-2001; 2001US-00854208.
 PR 10-MAY-2001; 2001US-00854280.
 PR 18-MAY-2001; 2001US-00860216.
 PR 25-MAY-2001; 2001US-00866028.
 PR 25-MAY-2001; 2001US-00866034.
 PR 25-MAY-2001; 2001WO-US017092.
 PR 01-JUN-2001; 2001US-00872035.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 05-JUN-2001; 2001US-00874503.
 PR 14-JUN-2001; 2001US-00882636.
 PR 19-JUN-2001; 2001US-00886342.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 21-JUN-2001; 2001US-00887879.
 PR 22-JUN-2001; 2001WO-US020116.
 PR 29-JUN-2001; 2001WO-US021066.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 18-JUL-2001; 2001US-00908827.
 PR 06-AUG-2001; 2001US-00924419.
 PR 09-AUG-2001; 2001US-00927796.
 PR 16-AUG-2001; 2001US-00931836.
 PR 19-DEC-2001; 2001US-00028072.
 XX
 PA (GETH) GENENTECH INC.
 XX
 Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX
 DR WPI; 2004-041360/04.
 DR N-PSDB; ADE89284.
 XX
 Novel isolated PRO polypeptide useful for treating diabetes, hyper- or
 PT hypo-insulinemia, sports injuries, arthritis, obesity, stroke, heart
 PT attack, various coagulation disorders, tumors.
 XX
 PS Claim 12; SEQ ID NO 402; 638pp; English.
 XX
 The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating

CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems, PRO
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.
 XX

XX SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 8; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSLMLGTFSLVSQIVLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGVSWYQOR 60
 |||||
 Db 1 MACRCLSLMLGTFSLVSQIVLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGVSWYQOR 60
 |||||

QY 61 AGSAPRYLLYRSDEHHRPADIPDRSAAKDEAHNAACVLTISVPQEDDADYYCSVGYG 120
 |||||
 Db 61 AGSAPRYLLYRSDEHHRPADIPDRSAAKDEAHNAACVLTISVPQEDDADYYCSVGYG 120
 |||||

QY 121 FSP 123

Db 121 FSP 123

RESULT 205

ADE18404

ID ADE18404 standard; protein; 123 AA.

XX ADE18404;

XX DT 29-JAN-2004 (first entry)

XX DE Human PRO polypeptide #201.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 KW liver; microvascular endothelial cell; glucose; FFA;
 KW skeletal muscle cell; adipocyte cell; pericyte cell;
 KW inner ear utricular supporting cell; bone disorder; cartilage disorder;
 KW endothelial cell tube formation; bone disorder; cartilage defect; osteoarthritis;
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 KW rheumatoid arthritis; haemoglobin-associated disorder thalasassaemia;
 KW immune system cell infiltration.

XX OS Homo sapiens.

XX US2003:94794-A1.

XX PD 16-OCT-2003.

XX PF 17-APR-2002; 2002US-00125805.

XX PR 31-MAR-1997; 97WO-US005230.

PR 12-JUN-1998; 98WO-US012456.

PR 14-JUL-1998; 98WO-US014552.

PR 28-AUG-1998; 98WO-US017888.

PR 10-SEP-1998; 98WO-US018824.

PR 14-SEP-1998; 98WO-US019093.

PR 14-SEP-1998; 98WO-US019094.

PR 16-SEP-1998; 98WO-US019177.

PR 16-SEP-1998; 98WO-US019330.

PR 17-SEP-1998; 98WO-US019437.

PR 07-OCT-1998; 98WO-US021141.

PR 29-OCT-1998; 98WO-US022991.
 PR 29-OCT-1998; 98WO-US022992.
 PR 20-NOV-1998; 98WO-US024855.
 PR 01-DEC-1998; 98WO-US025106.
 PR 05-JAN-1999; 99WO-US000108.
 PR 08-MAR-1999; 99WO-US005028.
 PR 10-MAR-1999; 99WO-US005190.
 PR 20-APR-1999; 2000WO-US006319.
 PR 14-MAY-1999; 99WO-US008615.
 PR 02-JUN-1999; 99WO-US010733.
 PR 01-SEP-1999; 99WO-US012252.
 PR 08-SEP-1999; 99WO-US020111.
 PR 13-SEP-1999; 99WO-US020594.
 PR 15-SEP-1999; 99WO-US020944.
 PR 15-SEP-1999; 99WO-US021090.
 PR 05-OCT-1999; 99WO-US021547.
 PR 29-OCT-1999; 99WO-US023089.
 PR 30-NOV-1999; 99WO-US028214.
 PR 30-NOV-1999; 99WO-US028313.
 PR 01-DEC-1999; 99WO-US028409.
 PR 01-DEC-1999; 99WO-US028301.
 PR 02-DEC-1999; 99WO-US028634.
 PR 02-DEC-1999; 99WO-US028551.
 PR 02-DEC-1999; 99WO-US028584.
 PR 16-DEC-1999; 99WO-US028565.
 PR 20-DEC-1999; 99WO-US030095.
 PR 20-DEC-1999; 99WO-US030911.
 PR 22-DEC-1999; 99WO-US030999.
 PR 30-DEC-1999; 99WO-US030720.
 PR 30-DEC-1999; 99WO-US031243.
 PR 05-JAN-2000; 99WO-US031274.
 PR 06-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000277.
 PR 11-FEB-2000; 2000WO-US000376.
 PR 18-FEB-2000; 2000WO-US003565.
 PR 18-FEB-2000; 2000WO-US004341.
 PR 22-FEB-2000; 2000WO-US004342.
 PR 24-FEB-2000; 2000WO-US004414.
 PR 24-FEB-2000; 2000WO-US004914.
 PR 24-FEB-2000; 2000WO-US005004.
 PR 01-MAR-2000; 2000WO-US005601.
 PR 02-MAR-2000; 2000WO-US005746.
 PR 15-MAR-2000; 2000WO-US005841.
 PR 20-MAR-2000; 2000WO-US005894.
 PR 21-MAR-2000; 2000WO-US007377.
 PR 30-MAR-2000; 2000WO-US007532.
 PR 17-MAY-2000; 2000WO-US008439.
 PR 22-MAY-2000; 2000WO-US013705.
 PR 30-MAY-2000; 2000WO-US014042.
 PR 02-JUN-2000; 2000WO-US014941.
 PR 28-JUL-2000; 2000WO-US015264.
 PR 11-AUG-2000; 2000WO-US020710.
 PR 23-AUG-2000; 2000WO-US022031.
 PR 24-AUG-2000; 2000WO-US023522.
 PR 08-NOV-2000; 2000WO-US023328.
 PR 10-NOV-2000; 2000WO-US030952.
 PR 01-DEC-2000; 2000WO-US030873.
 PR 20-DEC-2000; 2000WO-US032678.
 PR 20-DEC-2000; 2000US-00747259.
 PR 28-FEB-2001; 2000WO-US034956.
 PR 28-FEB-2001; 2001US-00796498.
 PR 01-MAR-2001; 2001WO-US006520.
 PR 09-MAR-2001; 2001US-00802706.
 PR 22-MAR-2001; 2001US-00806689.
 PR 05-APR-2001; 2001US-00816744.
 PR 10-MAY-2001; 2001US-00828366.
 PR 10-MAY-2001; 2001US-00854208.
 PR 18-MAY-2001; 2001US-00854280.
 PR 25-MAY-2001; 2001US-00860216.
 PR 25-MAY-2001; 2001US-00866028.
 PR 25-MAY-2001; 2001US-00866034.
 PR 25-MAY-2001; 2001WO-US017092.

PR 01-JUN-2001; 2001US-00872035.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 05-JUN-2001; 2001US-00874503.
 PR 14-JUN-2001; 2001US-00882636.
 PR 19-JUN-2001; 2001US-00886342.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 21-JUN-2001; 2001US-00887879.
 PR 22-JUN-2001; 2001WO-US020116.
 PR 29-JUL-2001; 2001WO-US021066.
 PR 18-JUL-2001; 2001WO-US021735.
 PR 06-AUG-2001; 2001US-00908827.
 PR 09-AUG-2001; 2001US-00924419.
 PR 15-AUG-2001; 2001US-00927796.
 PR 19-DEC-2001; 2001US-00931836.
 PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX WPI; 2004-021079/02.

DR N-PSDB; ADE18403.

PT New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
 PRO4978, for use in molecular biology, chromosome and gene mapping, in
 generating antisense RNA and DNA, and in gene therapy.

PS Claim 12; SEQ ID NO 402; 639pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC proliferation of or gene expression in pericyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 123 AA;

Query Match 100.0%; Score 657; DB 8; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACCLSLFLMGTFELSVSQTIVLAQDALLVPPGVAQLSCTLSQHTVIRDYGVSWYQQR 60
 |||||

Db 1 MACRCLFLLMGTFLLSVQTLAQLDALLVFPQVAQLSCTLSPQHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPRPSAAKDEAHNAACVLITISVPQEDDADYICVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPRPSAAKDEAHNAACVLITISVPQEDDADYICVGYG 120
QY 121 FSP 123
Db 121 FSP 123
RESULT 206
ADE88713
ID ADE88713 standard; protein; 123 AA.
XX
AC ADE88713;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #201.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
XX US2003199054-A1.
XX
XX 23-OCT-2003.
XX
XX 12-APR-2002; 2002US-00121054.
XX
XX 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022992.
PR 29-OCT-1998; 98WO-US022992.
PR 29-OCT-1998; 98WO-US022992.
PR 29-OCT-1998; 98WO-US022992.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 98WO-US000108.
PR 08-MAR-1999; 98WO-US005028.
PR 10-MAR-1999; 98WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014842.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006686.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
XX (GETH) GENENTECH INC.
PA
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX

DR WPI; 2004-041356/04.
 DR N-PSDB; ADE88712.
 XX
 PT Novel secreted and transmembrane polypeptides, PRO useful for treating
 PT bone disorders, arthritis, heart attack, injuries, tumors, and
 PT stimulating release of TNF-alpha from human blood.
 XX
 PS Claim 12; SEQ ID NO 402; 638pp; English.
 XX
 CC The invention relates to isolated human PRO polypeptides (secreted and
 CC transmembrane polypeptides) and the polynucleotides encoding them. The
 CC invention also relates to an antibody which specifically binds to a PRO
 CC polypeptide, a method for stimulating the release of tumour necrosis
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
 CC proliferation or differentiation of chondrocyte cells and a method for
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
 CC polynucleotides are useful in molecular biology, including uses as
 CC hybridisation probes, in chromosome and gene mapping, in generating
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
 CC be used in preparing PRO polypeptides by recombinant techniques and in
 CC generating either transgenic animals or knock-out animals which are
 CC useful in the development and screening of therapeutically useful
 CC reagents. The PRO polypeptides or antibodies are used in preparing a
 CC medicament for treating a condition responsive to the polypeptides or
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation
 CC of human microvascular endothelial cells, for modulating the uptake of
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
 CC stimulating differentiation of adipocyte cells, for stimulating
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
 CC cells, for inducing endothelial cell tube formation and for treating
 CC various bone and/or cartilage disorders such as sports injuries and
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
 CC from cartilage are useful for treating sports-related joint problems,
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
 CC polypeptides are also useful for treating various mammalian haemoglobin-
 CC associated disorders such as various thalassaemias and conditions which
 CC may benefit from enhanced local immune system cell infiltration. This
 CC sequence represents a human PRO polypeptide of the invention. Note: The
 CC sequence data for this patent is also available in electronic format from
 CC USPTO at seqdata.uspto.gov/sequence.html.
 XX
 SQ Sequence 123 AA;

Query Match 100.0%; Score 657; DB 8; Length 123;
 Best Local Similarity 100.0%; Pred. No. 4.3e-62;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLSLMGTFLSVSQTVLQDLALLVFPQVQVQLSCTLSFQVHTIRDYGVSWYQQR 60
 Db |||||
 1 MACRCLSELLMGTFLSVSQTVLQDLALLVFPQVQVQLSCTLSFQVHTIRDYGVSWYQQR 60
 |||||

Qy 61 AGSAPRVLLYRSEDDHRRPADIPDRFSAKDEAHNAACVLTISPVPQEDDADYYCSVGYG 120
 Db |||||
 61 AGSAPRVLLYRSEDDHRRPADIPDRFSAKDEAHNAACVLTISPVPQEDDADYYCSVGYG 120
 |||||

Qy 121 FSP 123
 Db |||
 121 FSP 123

Search completed: September 8, 2004, 06:41:33
 Job time : 145 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: September 8, 2004, 06:35:04 ; Search time 48 Seconds
(without alignments)
807.354 Million cell updates/sec

Title: US-09-981-876-200
Perfect score: 657
Sequence: 1 MACRCLSLMLMGTFSLVSQT.....PVQPEDDADYCVSGYGFSP 123

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1298764 seqs, 315065143 residues

Total number of hits satisfying chosen parameters: 509

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 100%
Maximum Match 100%
Listing first 1000 summaries

Database : Published Applications AA:
1: /cgn2_6/ptodata1/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata1/pubpaa/US07_PUBCOMB.pep.*
3: /cgn2_6/ptodata1/pubpaa/US06_PUBCOMB.pep.*
4: /cgn2_6/ptodata1/pubpaa/US07_PUBCOMB.pep.*
5: /cgn2_6/ptodata1/pubpaa/US07_PUBCOMB.pep.*
6: /cgn2_6/ptodata1/pubpaa/US08_PUBCOMB.pep.*
7: /cgn2_6/ptodata1/pubpaa/US08_PUBCOMB.pep.*
8: /cgn2_6/ptodata1/pubpaa/US09_PUBCOMB.pep.*
9: /cgn2_6/ptodata1/pubpaa/US09_PUBCOMB.pep.*
10: /cgn2_6/ptodata1/pubpaa/US09_PUBCOMB.pep.*
11: /cgn2_6/ptodata1/pubpaa/US09_PUBCOMB.pep.*
12: /cgn2_6/ptodata1/pubpaa/US10_PUBCOMB.pep.*
13: /cgn2_6/ptodata1/pubpaa/US10_PUBCOMB.pep.*
14: /cgn2_6/ptodata1/pubpaa/US10_PUBCOMB.pep.*
15: /cgn2_6/ptodata1/pubpaa/US10_PUBCOMB.pep.*
16: /cgn2_6/ptodata1/pubpaa/US10_PUBCOMB.pep.*
17: /cgn2_6/ptodata1/pubpaa/US60_PUBCOMB.pep.*
18: /cgn2_6/ptodata1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	657	100.0	123	9	US-09-989-722-117
2	657	100.0	123	9	US-09-989-723-117
3	657	100.0	123	9	US-09-989-729-117
4	657	100.0	123	9	US-09-989-727-117
5	657	100.0	123	9	US-09-989-731-117
6	657	100.0	123	9	US-09-989-732-117
7	657	100.0	123	9	US-09-991-073-117
8	657	100.0	123	9	US-09-990-442-117
9	657	100.0	123	9	US-09-991-163-117
10	657	100.0	123	9	US-09-993-604-117
11	657	100.0	123	9	US-09-990-456-117
12	657	100.0	123	9	US-09-989-721-117
13	657	100.0	123	9	US-09-992-598-117
14	657	100.0	123	9	US-09-981-876-200
15	657	100.0	123	9	US-09-989-293A-117

235	657	100.0	123	14	US-10-146-726-402	Sequence 402, App	308	657	100.0	123	14	US-10-144-992-402	Sequence 402, App
236	657	100.0	123	14	US-10-146-727-402	Sequence 402, App	309	657	100.0	123	14	US-10-145-015-402	Sequence 402, App
237	657	100.0	123	14	US-10-146-788-402	Sequence 402, App	310	657	100.0	123	14	US-10-145-090-402	Sequence 402, App
238	657	100.0	123	14	US-10-152-380-402	Sequence 402, App	311	657	100.0	123	14	US-10-145-091-402	Sequence 402, App
239	657	100.0	123	14	US-10-153-934-402	Sequence 402, App	312	657	100.0	123	14	US-10-145-629-402	Sequence 402, App
240	657	100.0	123	14	US-10-140-807-402	Sequence 402, App	313	657	100.0	123	14	US-10-145-630-402	Sequence 402, App
241	657	100.0	123	14	US-10-140-924-402	Sequence 402, App	314	657	100.0	123	14	US-10-145-747-402	Sequence 402, App
242	657	100.0	123	14	US-10-140-926-402	Sequence 402, App	315	657	100.0	123	14	US-10-145-752-402	Sequence 402, App
243	657	100.0	123	14	US-10-141-698-402	Sequence 402, App	316	657	100.0	123	14	US-10-145-754-402	Sequence 402, App
244	657	100.0	123	14	US-10-141-702-402	Sequence 402, App	317	657	100.0	123	14	US-10-145-753-402	Sequence 402, App
245	657	100.0	123	14	US-10-141-704-402	Sequence 402, App	318	657	100.0	123	14	US-10-145-818-402	Sequence 402, App
246	657	100.0	123	14	US-10-142-421-402	Sequence 402, App	319	657	100.0	123	14	US-10-145-820-402	Sequence 402, App
247	657	100.0	123	14	US-10-142-432-402	Sequence 402, App	320	657	100.0	123	14	US-10-145-873-402	Sequence 402, App
248	657	100.0	123	14	US-10-142-767-402	Sequence 402, App	321	657	100.0	123	14	US-10-145-878-402	Sequence 402, App
249	657	100.0	123	14	US-10-143-033-402	Sequence 402, App	322	657	100.0	123	14	US-10-147-481-402	Sequence 402, App
250	657	100.0	123	14	US-10-144-994-402	Sequence 402, App	323	657	100.0	123	14	US-10-147-482-402	Sequence 402, App
251	657	100.0	123	14	US-10-145-628-402	Sequence 402, App	324	657	100.0	123	14	US-10-147-503-402	Sequence 402, App
252	657	100.0	123	14	US-10-145-746-402	Sequence 402, App	325	657	100.0	123	14	US-10-147-522-402	Sequence 402, App
253	657	100.0	123	14	US-10-145-748-402	Sequence 402, App	326	657	100.0	123	14	US-10-152-401-402	Sequence 402, App
254	657	100.0	123	14	US-10-145-823-402	Sequence 402, App	327	657	100.0	123	14	US-10-157-783-402	Sequence 402, App
255	657	100.0	123	14	US-10-145-826-402	Sequence 402, App	328	657	100.0	123	14	US-10-158-793-402	Sequence 402, App
256	657	100.0	123	14	US-10-145-870-402	Sequence 402, App	329	657	100.0	123	14	US-10-158-462-402	Sequence 402, App
257	657	100.0	123	14	US-10-145-876-402	Sequence 402, App	330	657	100.0	123	14	US-10-143-035-402	Sequence 402, App
258	657	100.0	123	14	US-10-145-959-402	Sequence 402, App	331	657	100.0	123	14	US-10-145-751-402	Sequence 402, App
259	657	100.0	123	14	US-10-146-724-402	Sequence 402, App	332	657	100.0	123	14	US-10-145-822-402	Sequence 402, App
260	657	100.0	123	14	US-10-146-725-402	Sequence 402, App	333	657	100.0	123	14	US-10-145-824-402	Sequence 402, App
261	657	100.0	123	14	US-10-146-795-402	Sequence 402, App	334	657	100.0	123	14	US-10-145-827-402	Sequence

381	657	100.0	123	14	US-10-145-962-402	Sequence 402, App	454	15	US-10-140-863-402	Sequence 402, App
382	657	100.0	123	14	US-10-146-789-402	Sequence 402, App	455	15	US-10-141-699-402	Sequence 402, App
383	657	100.0	123	14	US-10-147-483-402	Sequence 402, App	456	15	US-10-141-703-402	Sequence 402, App
384	657	100.0	123	14	US-10-147-496-402	Sequence 402, App	457	15	US-10-141-706-402	Sequence 402, App
385	657	100.0	123	14	US-10-147-505-402	Sequence 402, App	458	15	US-10-141-757-402	Sequence 402, App
386	657	100.0	123	14	US-10-147-516-402	Sequence 402, App	459	15	US-10-141-762-402	Sequence 402, App
387	657	100.0	123	14	US-10-152-398-402	Sequence 402, App	460	15	US-10-142-428-402	Sequence 402, App
388	657	100.0	123	14	US-10-139-980-402	Sequence 402, App	461	15	US-10-142-429-402	Sequence 402, App
389	657	100.0	123	14	US-10-145-750-402	Sequence 402, App	462	15	US-10-142-884-402	Sequence 402, App
390	657	100.0	123	14	US-10-152-373-402	Sequence 402, App	463	15	US-10-143-027-402	Sequence 402, App
391	657	100.0	123	14	US-10-121-044-402	Sequence 402, App	464	15	US-10-143-115-402	Sequence 402, App
392	657	100.0	123	14	US-10-121-055-402	Sequence 402, App	465	15	US-10-144-556-402	Sequence 402, App
393	657	100.0	123	14	US-10-121-057-402	Sequence 402, App	466	15	US-10-144-558-402	Sequence 402, App
394	657	100.0	123	14	US-10-121-058-402	Sequence 402, App	467	15	US-10-145-632-402	Sequence 402, App
395	657	100.0	123	14	US-10-121-059-402	Sequence 402, App	468	15	US-10-145-749-402	Sequence 402, App
396	657	100.0	123	14	US-10-121-060-402	Sequence 402, App	469	15	US-10-145-753-402	Sequence 402, App
397	657	100.0	123	14	US-10-123-109-402	Sequence 402, App	470	15	US-10-145-871-402	Sequence 402, App
398	657	100.0	123	14	US-10-123-154-402	Sequence 402, App	471	15	US-10-145-878-402	Sequence 402, App
399	657	100.0	123	14	US-10-123-157-402	Sequence 402, App	472	15	US-10-146-794-402	Sequence 402, App
400	657	100.0	123	14	US-10-123-906-402	Sequence 402, App	473	15	US-10-147-889-402	Sequence 402, App
401	657	100.0	123	14	US-10-124-814-402	Sequence 402, App	474	15	US-10-147-897-402	Sequence 402, App
402	657	100.0	123	14	US-10-124-816-402	Sequence 402, App	475	15	US-10-147-835-402	Sequence 402, App
403	657	100.0	123	14	US-10-124-820-402	Sequence 402, App	476	15	US-10-147-537-402	Sequence 402, App
404	657	100.0	123	14	US-10-125-704-402	Sequence 402, App	477	15	US-10-152-376-402	Sequence 402, App
405	657	100.0	123	14	US-10-125-927-402	Sequence 402, App	478	15	US-10-152-381-402	Sequence 402, App
406	657	100.0	123	14	US-10-142-889-402	Sequence 402, App	479	15	US-10-152-400-402	Sequence 402, App
407	657	100.0	123	14	US-10-145-874-402	Sequence 402, App	480	15	US-10-153-585-402	Sequence 402, App
408	657	100.0	123	14	US-10-147-497-402	Sequence 402, App	481	15	US-10-157-780-402	Sequence 402, App
409	657	100.0	123	14	US-10-152-371-402	Sequence 402, App	482	15	US-10-157-800-402	Sequence 402, App
410	657	100.0	123	14	US-10-152-374-402	Sequence 402, App	483	15	US-10-157-801-402	Sequence 402, App
411	657	100.0	123	14	US-10-152-375-402	Sequence 402, App	484	15	US-10-157-802-402	Sequence 402, App
412	657	100.0	123	14	US-10-152-377-402	Sequence 402, App	485	15	US-10-158-784-402	Sequence 402, App
413	657	100.0	123	14	US-10-152-386-402	Sequence 402, App	486	15	US-10-158-789-402	Sequence 402, App
414	657	100.0	123	14	US-10-152-391-402	Sequence 402, App	487	15	US-10-152-011-402	Sequence 402, App
415	657	100.0	123	14	US-10-152-399-402	Sequence 402, App	488	15	US-10-139-963-402	Sequence 402, App
416	657	100.0	123	14	US-10-156-848-402	Sequence 402, App	489	15	US-10-140-020-402	Sequence 402, App
417	657	100.0	123	14	US-10-157-785-402	Sequence 402, App	490	15	US-10-140-023-402	Sequence 402, App
418	657	100.0	123	14	US-10-157-794-402	Sequence 402, App	491	15	US-10-140-809-402	Sequence 402, App
419	657	100.0	123	14	US-10-157-796-402	Sequence 402, App	492	15	US-10-140-865-402	Sequence 402, App
420	657	100.0	123	14	US-10-160-500-402	Sequence 402, App	493	15	US-10-141-701-402	Sequence 402, App
421	657	100.0	123	14	US-10-121-046-402	Sequence 402, App	494	15	US-10-141-754-402	Sequence 402, App
422	657	100.0	123	14	US-10-123-156-402	Sequence 402, App	495	15	US-10-141-760-402	Sequence 402, App
423	657	100.0	123	14	US-10-123-214-402	Sequence 402, App	496	15	US-10-142-425-402	Sequence 402, App
424	657	100.0	123	14	US-10-125-805-402	Sequence 402, App	497	15	US-10-142-430-402	Sequence 402, App
425	657	100.0	123	14	US-10-124-821-402	Sequence 402, App	498	15	US-10-143-113-402	Sequence 402, App
426	657	100.0	123	14	US-10-152-385-402	Sequence 402, App	499	15	US-10-146-730-402	Sequence 402, App
427	657	100.0	123	14	US-10-152-393-402	Sequence 402, App	500	15	US-10-146-792-402	Sequence 402, App
428	657	100.0	123	14	US-10-152-396-402	Sequence 402, App	501	15	US-10-158-791-402	Sequence 402, App
429	657	100.0	123	14	US-10-153-552-402	Sequence 402, App	502	15	US-10-156-843-402	Sequence 402, App
430	657	100.0	123	14	US-10-153-840-402	Sequence 402, App	503	15	US-10-157-786-402	Sequence 402, App
431	657	100.0	123	14	US-10-156-841-402	Sequence 402, App	504	15	US-10-219-538-117	Sequence 117, App
432	657	100.0	123	14	US-10-156-842-402	Sequence 402, App	505	15	US-10-147-528-402	Sequence 402, App
433	657	100.0	123	14	US-10-156-844-402	Sequence 402, App	506	15	US-10-128-692A-402	Sequence 402, App
434	657	100.0	123	14	US-10-156-845-402	Sequence 402, App	507	15	US-10-140-927-402	Sequence 402, App
435	657	100.0	123	14	US-10-156-846-402	Sequence 402, App	508	15	US-10-147-536-402	Sequence 402, App
436	657	100.0	123	14	US-10-121-048-402	Sequence 402, App	509	16	US-10-152-372-402	Sequence 402, App
437	657	100.0	123	14	US-10-121-052-402	Sequence 402, App				
438	657	100.0	123	14	US-10-121-053-402	Sequence 402, App				
439	657	100.0	123	14	US-10-121-054-402	Sequence 402, App				
440	657	100.0	123	14	US-10-121-063-402	Sequence 402, App				
441	657	100.0	123	14	US-10-123-212-402	Sequence 402, App				
442	657	100.0	123	14	US-10-123-213-402	Sequence 402, App				
443	657	100.0	123	14	US-10-123-291-402	Sequence 402, App				
444	657	100.0	123	14	US-10-123-322-402	Sequence 402, App				
445	657	100.0	123	14	US-10-123-771-402	Sequence 402, App				
446	657	100.0	123	14	US-10-123-911-402	Sequence 402, App				
447	657	100.0	123	14	US-10-124-823-402	Sequence 402, App				
448	657	100.0	123	14	US-10-125-931-402	Sequence 402, App				
449	657	100.0	123	14	US-10-125-932-402	Sequence 402, App				
450	657	100.0	123	15	US-10-123-913-402	Sequence 402, App				
451	657	100.0	123	15	US-10-140-473-402	Sequence 402, App				
452	657	100.0	123	15	US-10-140-806-402	Sequence 402, App				
453	657	100.0	123	15	US-10-140-810-402	Sequence 402, App				

ALIGNMENTS

RESULT 1
US-09-989-722-117
; Sequence 117, Application US/09989722
; Patent No. US2002072067A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Pong, Sherman

APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PIC63
CURRENT APPLICATION NUMBER: US/09/999,722
CURRENT FILING DATE: 2003-11-19
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088738
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088826
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088861
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088876
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089440
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089512
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089600
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090355
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090435
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24

PRIOR APPLICATION NUMBER: 60/090472
 PRIOR FILING DATE: 1998-06-24
 PRIOR APPLICATION NUMBER: 60/090535
 PRIOR FILING DATE: 1998-06-24
 PRIOR APPLICATION NUMBER: 60/090540
 PRIOR FILING DATE: 1998-06-24
 PRIOR APPLICATION NUMBER: 60/090542
 PRIOR FILING DATE: 1998-06-24
 PRIOR APPLICATION NUMBER: 60/090557
 PRIOR FILING DATE: 1998-06-24
 PRIOR APPLICATION NUMBER: 60/090676
 PRIOR FILING DATE: 1998-06-25
 PRIOR APPLICATION NUMBER: 60/090678
 PRIOR FILING DATE: 1998-06-25
 PRIOR APPLICATION NUMBER: 60/090690
 PRIOR FILING DATE: 1998-06-25
 PRIOR APPLICATION NUMBER: 60/090694
 PRIOR FILING DATE: 1998-06-25
 PRIOR APPLICATION NUMBER: 60/090695
 PRIOR FILING DATE: 1998-06-25
 PRIOR APPLICATION NUMBER: 60/090696
 PRIOR FILING DATE: 1998-06-25
 PRIOR APPLICATION NUMBER: 60/090862
 PRIOR FILING DATE: 1998-06-26
 PRIOR APPLICATION NUMBER: 60/090863
 PRIOR FILING DATE: 1998-06-26
 PRIOR APPLICATION NUMBER: 60/091360
 PRIOR FILING DATE: 1998-07-01
 PRIOR APPLICATION NUMBER: 60/091478
 PRIOR FILING DATE: 1998-07-02
 PRIOR APPLICATION NUMBER: 60/091544
 PRIOR FILING DATE: 1998-07-01
 PRIOR APPLICATION NUMBER: 60/091519
 PRIOR FILING DATE: 1998-07-02
 PRIOR APPLICATION NUMBER: 60/091626
 PRIOR FILING DATE: 1998-07-02
 PRIOR APPLICATION NUMBER: 60/091633
 PRIOR FILING DATE: 1998-07-02
 PRIOR APPLICATION NUMBER: 60/091978
 PRIOR FILING DATE: 1998-07-07
 PRIOR APPLICATION NUMBER: 60/091982
 PRIOR FILING DATE: 1998-07-07
 PRIOR APPLICATION NUMBER: 60/092182
 PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACCLSLFMGTSLVSQTVLAQLDALLVFPQVLAQLSCTLSPOHVTIRDYGVSWYQQR 60
 Db 1 MACCLSLFMGTSLVSQTVLAQLDALLVFPQVLAQLSCTLSPOHVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYRSDEHRRPADIPDRFSAKDEAHNAACVLTIIPVOPEDDADYVCSGVYG 120
 Db 61 AGSAPRYLLYRSDEHRRPADIPDRFSAKDEAHNAACVLTIIPVOPEDDADYVCSGVYG 120
 QY 121 FSP 123
 Db 121 FSP 123

RESULT 2

US-09-989-723-117
 Sequence 117, Application US/09989723
 Patent No. US20020072092A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi J.
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnovers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tamas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2730PIC62
 CURRENT APPLICATION NUMBER: US/09/989,723
 CURRENT FILING DATE: 2001-11-19
 PRIOR APPLICATION NUMBER: 60/049787
 PRIOR FILING DATE: 1997-06-15
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/065186
 PRIOR FILING DATE: 1997-11-12
 PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-13
 PRIOR APPLICATION NUMBER: 60/066770
 PRIOR FILING DATE: 1997-11-24
 PRIOR APPLICATION NUMBER: 60/075945
 PRIOR FILING DATE: 1998-02-25
 PRIOR APPLICATION NUMBER: 60/078910
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/083322
 PRIOR FILING DATE: 1998-04-28
 PRIOR APPLICATION NUMBER: 60/084600
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/087106
 PRIOR FILING DATE: 1998-05-28
 PRIOR APPLICATION NUMBER: 60/087607
 PRIOR FILING DATE: 1998-06-02
 PRIOR APPLICATION NUMBER: 60/087609
 PRIOR FILING DATE: 1998-06-02
 PRIOR APPLICATION NUMBER: 60/087759
 PRIOR FILING DATE: 1998-06-02
 PRIOR APPLICATION NUMBER: 60/087827
 PRIOR FILING DATE: 1998-06-03
 PRIOR APPLICATION NUMBER: 60/088021
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088025
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088026
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088028
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088029
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088030
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088033
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088326
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088167
 PRIOR FILING DATE: 1998-06-05
 PRIOR APPLICATION NUMBER: 60/088202
 PRIOR FILING DATE: 1998-06-05
 PRIOR APPLICATION NUMBER: 60/088212
 PRIOR FILING DATE: 1998-06-05

; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088555
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090252
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090254
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090355
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445

; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090535
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090540
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090542
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090676
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090678
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090690
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090694
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090696
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQGOVLAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQGOVLAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNAACVLITISPVQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNAACVLITISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 3

US-09-989-279-117

; Sequence 117, Application US/09989279

; Patent No. US20020072496A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.

; APPLICANT: Baker, Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

APPLICANT: Raton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C65
CURRENT APPLICATION NUMBER: US/09/989,727
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64; Mismatches 0; Indels 0; Gaps 0;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLIMGTFLSVSQVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLIMGTFLSVSQVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRADIPDRFSAKDEAHNACVLTISPQVEDDADYCSVGVG 120
DB 61 AGSAPRYLLYRSEEDHRRADIPDRFSAKDEAHNACVLTISPQVEDDADYCSVGVG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 4
US-09-989-727-117
Sequence 117, Application US/09989727
Patent No. US20020072497A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc

1	PRIOR FILING DATE: 1998-06-24	
2	PRIOR APPLICATION NUMBER: 60/090445	
3	PRIOR FILING DATE: 1998-06-24	
4	PRIOR APPLICATION NUMBER: 60/090472	
5	PRIOR FILING DATE: 1998-06-24	
6	PRIOR APPLICATION NUMBER: 60/090535	
7	PRIOR FILING DATE: 1998-06-24	
8	PRIOR APPLICATION NUMBER: 60/090540	
9	PRIOR FILING DATE: 1998-06-24	
10	PRIOR APPLICATION NUMBER: 60/090542	
11	PRIOR FILING DATE: 1998-06-24	
12	PRIOR APPLICATION NUMBER: 60/090557	
13	PRIOR FILING DATE: 1998-06-24	
14	PRIOR APPLICATION NUMBER: 60/090676	
15	PRIOR FILING DATE: 1998-06-25	
16	PRIOR APPLICATION NUMBER: 60/090678	
17	PRIOR FILING DATE: 1998-06-25	
18	PRIOR APPLICATION NUMBER: 60/090690	
19	PRIOR FILING DATE: 1998-06-25	
20	PRIOR APPLICATION NUMBER: 60/090694	
21	PRIOR FILING DATE: 1998-06-25	
22	PRIOR APPLICATION NUMBER: 60/090695	
23	PRIOR FILING DATE: 1998-06-25	
24	PRIOR APPLICATION NUMBER: 60/090696	
25	PRIOR FILING DATE: 1998-06-25	
26	PRIOR APPLICATION NUMBER: 60/090862	
27	PRIOR FILING DATE: 1998-06-26	
28	PRIOR APPLICATION NUMBER: 60/090863	
29	PRIOR FILING DATE: 1998-06-26	
30	PRIOR APPLICATION NUMBER: 60/091360	
31	PRIOR FILING DATE: 1998-07-01	
32	PRIOR APPLICATION NUMBER: 60/091478	
33	PRIOR FILING DATE: 1998-07-02	
34	PRIOR APPLICATION NUMBER: 60/091544	
35	PRIOR FILING DATE: 1998-07-01	
36	PRIOR APPLICATION NUMBER: 60/091519	
37	PRIOR FILING DATE: 1998-07-02	
38	PRIOR APPLICATION NUMBER: 60/091626	
39	PRIOR FILING DATE: 1998-07-02	
40	PRIOR APPLICATION NUMBER: 60/091633	
41	PRIOR FILING DATE: 1998-07-02	
42	PRIOR APPLICATION NUMBER: 60/091978	
43	PRIOR FILING DATE: 1998-07-07	
44	PRIOR APPLICATION NUMBER: 60/091982	
45	PRIOR FILING DATE: 1998-07-07	
46	PRIOR APPLICATION NUMBER: 60/092182	
47	PRIOR FILING DATE: 1998-07-07	

```

RESULT 5
US-03-989-731-117
; Sequence 117, Application US/09989731
; Patent No. US20020103125A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David

```

APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Fertara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zeman
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730PIC70
CURRENT APPLICATION NUMBER: US/09/989,731
CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202

PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088738
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088826
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088861
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088876
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089440
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089512
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089600
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090355
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090435
PRIOR FILING DATE: 1998-06-24

; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090252
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090254
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090355
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435

; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090535
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090540
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090542
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090676
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090678
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090690
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090694
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090696
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3,4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSLFLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSLFLMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPRFSAAKDEAHNACVLITSPVQPEDDADYICSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPRFSAAKDEAHNACVLITSPVQPEDDADYICSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 7
US-09-991-073-117
; Sequence 117, Application US/09991073
; Patent No. US20020127576A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Auscin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730PIC15
CURRENT APPLICATION NUMBER: US/09/991.073
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088738
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088826
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088861
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088876
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089440
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089512
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089600
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090355
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24

PRIOR APPLICATION NUMBER: 60/090435
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090472
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090535
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090540
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090542
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090676
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090678
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090690
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090694
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090695
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090696
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090862
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091478
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091544
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091626
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091633
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091978
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MACRCLSLFMGTFLSVQTLVLAQLDALLVFPQVLAQLSCTLSPOHVTIRDYGVSWYQOR 60
Db 1 MACRCLSLFMGTFLSVQTLVLAQLDALLVFPQVLAQLSCTLSPOHVTIRDYGVSWYQOR 60
Qy 61 AGSAPRYLLYRSEEDHRRPADIPDRSAKDEAHNAACVLTISPVPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRSAKDEAHNAACVLTISPVPEDDADYYCSVGYG 120
Qy 121 FSP 123
Db 121 FSP 123

RESULT 8
US-09-990-442-117
; Sequence 117, Application US/09990442
; Patent No. US20020132252A1
; GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Forq, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730F1C8
CURRENT APPLICATION NUMBER: US/09/990.442
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04

GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoli, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: F2730P1C17
CURRENT APPLICATION NUMBER: US/09/991,163
CURRENT FILING DATE: 2001-11-14
PRIORITY APPLICATION NUMBER: 60/049787
PRIORITY FILING DATE: 1997-06-16
PRIORITY APPLICATION NUMBER: 60/062250
PRIORITY FILING DATE: 1997-10-17
PRIORITY APPLICATION NUMBER: 60/065186
PRIORITY FILING DATE: 1997-11-12
PRIORITY APPLICATION NUMBER: 60/065311
PRIORITY FILING DATE: 1997-11-13
PRIORITY APPLICATION NUMBER: 60/066770
PRIORITY FILING DATE: 1997-11-24
PRIORITY APPLICATION NUMBER: 60/075945
PRIORITY FILING DATE: 1998-02-25
PRIORITY APPLICATION NUMBER: 60/078910
PRIORITY FILING DATE: 1998-03-20
PRIORITY APPLICATION NUMBER: 60/083322
PRIORITY FILING DATE: 1998-04-28
PRIORITY APPLICATION NUMBER: 60/084600
PRIORITY FILING DATE: 1998-05-07
PRIORITY APPLICATION NUMBER: 60/087106
PRIORITY FILING DATE: 1998-05-28
PRIORITY APPLICATION NUMBER: 60/087607
PRIORITY FILING DATE: 1998-06-02
PRIORITY APPLICATION NUMBER: 60/087609
PRIORITY FILING DATE: 1998-06-02
PRIORITY APPLICATION NUMBER: 60/087759
PRIORITY FILING DATE: 1998-06-02
PRIORITY APPLICATION NUMBER: 60/087827
PRIORITY FILING DATE: 1998-06-03
PRIORITY APPLICATION NUMBER: 60/088021
PRIORITY FILING DATE: 1998-06-04
PRIORITY APPLICATION NUMBER: 60/088025
PRIORITY FILING DATE: 1998-06-04
PRIORITY APPLICATION NUMBER: 60/088026
PRIORITY FILING DATE: 1998-06-04
PRIORITY APPLICATION NUMBER: 60/088028
PRIORITY FILING DATE: 1998-06-04
PRIORITY APPLICATION NUMBER: 60/088029
PRIORITY FILING DATE: 1998-06-04
PRIORITY APPLICATION NUMBER: 60/088030
PRIORITY FILING DATE: 1998-06-04
PRIORITY APPLICATION NUMBER: 60/088033
PRIORITY FILING DATE: 1998-06-04
PRIORITY APPLICATION NUMBER: 60/088326
PRIORITY FILING DATE: 1998-06-04
PRIORITY APPLICATION NUMBER: 60/088167
PRIORITY FILING DATE: 1998-06-05
PRIORITY APPLICATION NUMBER: 60/088202
PRIORITY FILING DATE: 1998-06-05
PRIORITY APPLICATION NUMBER: 60/088212
PRIORITY FILING DATE: 1998-06-05
PRIORITY APPLICATION NUMBER: 60/088217
PRIORITY FILING DATE: 1998-06-05
PRIORITY APPLICATION NUMBER: 60/088655
PRIORITY FILING DATE: 1998-06-09
PRIORITY APPLICATION NUMBER: 60/088734
PRIORITY FILING DATE: 1998-06-10
PRIORITY APPLICATION NUMBER: 60/088738
PRIORITY FILING DATE: 1998-06-10
PRIORITY APPLICATION NUMBER: 60/088742
PRIORITY FILING DATE: 1998-06-10
PRIORITY APPLICATION NUMBER: 60/088810
PRIORITY FILING DATE: 1998-06-10
PRIORITY APPLICATION NUMBER: 60/088824
PRIORITY FILING DATE: 1998-06-10
PRIORITY APPLICATION NUMBER: 60/088826
PRIORITY FILING DATE: 1998-06-10
PRIORITY APPLICATION NUMBER: 60/088858
PRIORITY FILING DATE: 1998-06-11
PRIORITY APPLICATION NUMBER: 60/088861
PRIORITY FILING DATE: 1998-06-11
PRIORITY APPLICATION NUMBER: 60/088876
PRIORITY FILING DATE: 1998-06-11
PRIORITY APPLICATION NUMBER: 60/089105
PRIORITY FILING DATE: 1998-06-12
PRIORITY APPLICATION NUMBER: 60/089440
PRIORITY FILING DATE: 1998-06-16
PRIORITY APPLICATION NUMBER: 60/089512
PRIORITY FILING DATE: 1998-06-16
PRIORITY APPLICATION NUMBER: 60/089514
PRIORITY FILING DATE: 1998-06-16
PRIORITY APPLICATION NUMBER: 60/089532
PRIORITY FILING DATE: 1998-06-17
PRIORITY APPLICATION NUMBER: 60/089538
PRIORITY FILING DATE: 1998-06-17
PRIORITY APPLICATION NUMBER: 60/089598
PRIORITY FILING DATE: 1998-06-17
PRIORITY APPLICATION NUMBER: 60/089599
PRIORITY FILING DATE: 1998-06-17
PRIORITY APPLICATION NUMBER: 60/089600
PRIORITY FILING DATE: 1998-06-17
PRIORITY APPLICATION NUMBER: 60/089653
PRIORITY FILING DATE: 1998-06-17
PRIORITY APPLICATION NUMBER: 60/089801
PRIORITY FILING DATE: 1998-06-18
PRIORITY APPLICATION NUMBER: 60/089907
PRIORITY FILING DATE: 1998-06-18
PRIORITY APPLICATION NUMBER: 60/089908
PRIORITY FILING DATE: 1998-06-18
PRIORITY APPLICATION NUMBER: 60/089947
PRIORITY FILING DATE: 1998-06-19
PRIORITY APPLICATION NUMBER: 60/089948
PRIORITY FILING DATE: 1998-06-19
PRIORITY APPLICATION NUMBER: 60/089952
PRIORITY FILING DATE: 1998-06-19
PRIORITY APPLICATION NUMBER: 60/090246
PRIORITY FILING DATE: 1998-06-22
PRIORITY APPLICATION NUMBER: 60/090252
PRIORITY FILING DATE: 1998-06-22
PRIORITY APPLICATION NUMBER: 60/090254
PRIORITY FILING DATE: 1998-06-22
PRIORITY APPLICATION NUMBER: 60/090349
PRIORITY FILING DATE: 1998-06-23
PRIORITY APPLICATION NUMBER: 60/090355
PRIORITY FILING DATE: 1998-06-23
PRIORITY APPLICATION NUMBER: 60/090429
PRIORITY FILING DATE: 1998-06-24

PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090435
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090472
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090535
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090540
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090542
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090676
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090678
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090690
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090694
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090695
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090696
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090862
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091478
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091544
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091626
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091633
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091978
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACCLSFLLMGTFLSVTSQTSLAQLDALLVPPGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACCLSFLLMGTFLSVTSQTSLAQLDALLVPPGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNAACVLTISPVPQEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNAACVLTISPVPQEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123
RESULT 10
US-09-993-604-117
; Sequence 117, Application US/09993604

Patent No. US20020137075A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PIC25
CURRENT APPLICATION NUMBER: US/09/993,604
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04

;; PRIOR APPLICATION NUMBER: 60/088326
;; PRIOR FILING DATE: 1998-06-04
;; PRIOR APPLICATION NUMBER: 60/088167
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/088202
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/088212
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/088217
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/088555
;; PRIOR FILING DATE: 1998-06-09
;; PRIOR APPLICATION NUMBER: 60/088734
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088738
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088742
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088810
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088824
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088826
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088858
;; PRIOR FILING DATE: 1998-06-11
;; PRIOR APPLICATION NUMBER: 60/088861
;; PRIOR FILING DATE: 1998-06-11
;; PRIOR APPLICATION NUMBER: 60/088876
;; PRIOR FILING DATE: 1998-06-11
;; PRIOR APPLICATION NUMBER: 60/089105
;; PRIOR FILING DATE: 1998-06-12
;; PRIOR APPLICATION NUMBER: 60/089440
;; PRIOR FILING DATE: 1998-06-16
;; PRIOR APPLICATION NUMBER: 60/089512
;; PRIOR FILING DATE: 1998-06-16
;; PRIOR APPLICATION NUMBER: 60/089514
;; PRIOR FILING DATE: 1998-06-16
;; PRIOR APPLICATION NUMBER: 60/089532
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089538
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089598
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089599
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089600
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089653
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089801
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089907
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089908
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089947
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/089948
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/089952
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/090246
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090252
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090254
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090349
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090355
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090429

;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090431
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090435
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090444
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090445
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090472
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090535
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090540
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090542
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090557
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090675
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090678
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090690
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090694
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090695
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090696
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090862
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/090863
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/091360
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091478
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091544
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091519
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091626
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091633
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091978
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFILSVSQTFLAQDLALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
Db 1 MACRCLSFLLMGTFILSVSQTFLAQDLALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYICSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYICSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 11
US-09-990-456-117

Sequence 117, Application US/09990456
Patent No. US20020137890A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730PLC22
CURRENT APPLICATION NUMBER: US/09/990,456
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088738
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088826
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088861
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088876
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089440
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089512
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089600
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090355
PRIOR FILING DATE: 1998-06-23

PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090435
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090472
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090535
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090540
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090542
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090676
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090678
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090690
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090694
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090695
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090696
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090862
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091478
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091544
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091626
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091633
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091978
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MACCLSFLLMGTFLSVQVLAQLDALLVFPQGVAGLQSLSPQHVTIRDYGVSWYQQR 60
Db 1 MACCLSFLLMGTFLSVQVLAQLDALLVFPQGVAGLQSLSPQHVTIRDYGVSWYQQR 60
Qy 61 AGSAPRYLLYRSEEDHRRADIPDRSAKDEAHNAACVLITISVPQEDDADYVCVGVG 120
Db 61 AGSAPRYLLYRSEEDHRRADIPDRSAKDEAHNAACVLITISVPQEDDADYVCVGVG 120
Qy 121 FSP 123
Db 121 FSP 123

RESULT 12

US-09-989-721-117
Sequence 117, Application US/09989721
Patent No. US20020142961A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C55
CURRENT APPLICATION NUMBER: US/09/989,721
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04

PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088555
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088738
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088826
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088861
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088876
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089440
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089512
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089600
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090355

PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090435
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090472
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090535
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090540
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090542
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090676
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090678
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090690
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090694
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090695
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090696
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090862
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091478
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091544
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091626
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091633
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091978
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092162
PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLFLLMGTFLLSVQTVLAQLDALLVFPQVQLSCTLSFQHVITRDYGVSWYQQR 60
DB 1 MACRCLFLLMGTFLLSVQTVLAQLDALLVFPQVQLSCTLSFQHVITRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSSEDEHRRPADIPRFSAAKDEAHNACVLITISVQPEDDADYCVSYGYG 120
DB 61 AGSAPRYLLYRSSEDEHRRPADIPRFSAAKDEAHNACVLITISVQPEDDADYCVSYGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 13
US-09-992-598-117
Sequence 117, Application US/09992598
Patent No. US20020160384A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: P2730P1C20
CURRENT APPLICATION NUMBER: US/09/992,598
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088738
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088826
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088861
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088876
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089440
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089512
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089600
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23

```

; PRIOR APPLICATION NUMBER: 60/090355
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090535
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090540
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090542
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090676
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090678
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090690
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090694
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090696
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match      100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSLFLLMGTFSLVSQTVLAQLDALLVFPQVAQLSCTLSLSPQHTYIRDYGVSWTQQR 60
Db 1 MACRCLSLFLLMGTFSLVSQTVLAQLDALLVFPQVAQLSCTLSLSPQHTYIRDYGVSWTQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAXDEAHNACVLITISVPQEDDADYCVSYGVG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAXDEAHNACVLITISVPQEDDADYCVSYGVG 120
QY 121 FSP 123
Db 121 FSP 123

; RESULT 14
; US-09-981-876-200
; Sequence 200, Application US/09981876
; Patent No. US20020164669A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 70 Human Secreted Proteins
; FILE REFERENCE: P2001P1
; CURRENT APPLICATION NUMBER: US/09/981,876
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/148,545
; PRIOR FILING DATE: 1998-09-04
; PRIOR APPLICATION NUMBER: 60/040,162
; PRIOR FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: 60/040,333
; PRIOR FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: 60/038,621
; PRIOR FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: 60/040,161
; PRIOR FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: 60/040,626
; PRIOR FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: 60/040,334
; PRIOR FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: 60/040,336
; PRIOR FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: 60/040,163
; PRIOR FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: 60/047,615
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,600
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,597
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,502
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,633
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,583
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,617
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,618
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,503
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,592
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,581
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,584
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,500
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,587
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,492
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,598
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,613
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,582
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,596
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,612
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,632
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,601
; PRIOR FILING DATE: 1997-05-23
```

;
; PRIOR APPLICATION NUMBER: 60/043,580
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/043,568
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/043,314
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/043,569
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/043,311
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/043,671
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/043,674
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/043,669
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/043,312
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/043,313
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/043,672
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/043,315
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/048,974
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 60/056,886
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,877
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,889
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,893
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,630
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,878
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,662
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,872
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,882
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,637
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,903
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,888
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,879
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,880
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,894
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,911
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,636
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,874
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,910
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,864
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,631
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,845
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,892
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/047,595

;
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/057,761
; PRIOR FILING DATE: 05-Sep-1997
; PRIOR APPLICATION NUMBER: 60/047,599
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,588
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,585
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,586
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,590
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,594
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,589
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,593
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/047,614
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/043,578
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/043,576
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/047,501
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 60/043,670
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: 60/056,632
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,664
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,876
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,881
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,909
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,875
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,862
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,887
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/056,908
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: 60/048,964
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 60/057,650
; PRIOR FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: 60/056,884
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 280
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 200
; LENGTH: 123

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTVLALDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
|||
Db 1 MACRCLSFLLMGTFLSVSQTVLALDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
|||
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAADKDEAHNACVLITISPVQPEDDADYICSVGYG 120
|||
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAADKDEAHNACVLITISPVQPEDDADYICSVGYG 120
|||
QY 121 FSP 123
|||
Db 121 FSP 123

RESULT 15
US-09-989-293A-117
Sequence 117, Application US/09989293A
Patent No. US20020177164A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PIC66
CURRENT APPLICATION NUMBER: US/09/989,293A
CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088555
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088738
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088826
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088861
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088876
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089440
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089512
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089600
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22

PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090355
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090435
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090472
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090535
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090540
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090542
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090676
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090678
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090690
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090694
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090695
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090696
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090862
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091478
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091544
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091626
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091633
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091978
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCISFLMGTHFLSVQVQLDALLVFPQVQLSCTLSPOHVTIRDYGVSNYQOR 60

Db 1 MACRCISFLMGTHFLSVQVQLDALLVFPQVQLSCTLSPOHVTIRDYGVSNYQOR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVQEDDADYGVSGYG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVQEDDADYGVSGYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 16

US-09-989-735-117

; Sequence 117, Application US/09989735

; Publication No. US20020193299A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.

; APPLICANT: Baker, Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnuyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Fong, Sherman

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gertschen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K.

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2730P1C61

; CURRENT APPLICATION NUMBER: US/09/989,735

; CURRENT FILING DATE: 2001-11-19

; PRIOR APPLICATION NUMBER: 60/049787

; PRIOR FILING DATE: 1997-06-16

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/065186

; PRIOR FILING DATE: 1997-11-12

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066770

; PRIOR FILING DATE: 1997-11-24

; PRIOR APPLICATION NUMBER: 60/075945

; PRIOR FILING DATE: 1998-02-25

; PRIOR APPLICATION NUMBER: 60/078910

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/083322

; PRIOR FILING DATE: 1998-04-28

; PRIOR APPLICATION NUMBER: 60/084600

; PRIOR FILING DATE: 1998-05-07

; PRIOR APPLICATION NUMBER: 60/087106

; PRIOR FILING DATE: 1998-05-28

; PRIOR APPLICATION NUMBER: 60/087607

; PRIOR FILING DATE: 1998-06-02

; PRIOR APPLICATION NUMBER: 60/087609

; PRIOR FILING DATE: 1998-06-02

; PRIOR APPLICATION NUMBER: 60/087759

; PRIOR FILING DATE: 1998-06-02

; PRIOR APPLICATION NUMBER: 60/087827

; PRIOR FILING DATE: 1998-06-03

; PRIOR APPLICATION NUMBER: 60/088021

; PRIOR FILING DATE: 1998-06-04

; PRIOR APPLICATION NUMBER: 60/088025

; PRIOR FILING DATE: 1998-06-04

; PRIOR APPLICATION NUMBER: 60/088026

; PRIOR FILING DATE: 1998-06-04

; PRIOR APPLICATION NUMBER: 60/088028

; PRIOR FILING DATE: 1998-06-04

;; PRIOR APPLICATION NUMBER: 60/088029
;; PRIOR FILING DATE: 1998-06-04
;; PRIOR APPLICATION NUMBER: 60/088030
;; PRIOR FILING DATE: 1998-06-04
;; PRIOR APPLICATION NUMBER: 60/088033
;; PRIOR FILING DATE: 1998-06-04
;; PRIOR APPLICATION NUMBER: 60/088326
;; PRIOR FILING DATE: 1998-06-04
;; PRIOR APPLICATION NUMBER: 60/088167
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/088202
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/088212
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/088217
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/088655
;; PRIOR FILING DATE: 1998-06-09
;; PRIOR APPLICATION NUMBER: 60/088734
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088738
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088742
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088810
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088824
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088826
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088858
;; PRIOR FILING DATE: 1998-06-11
;; PRIOR APPLICATION NUMBER: 60/088861
;; PRIOR FILING DATE: 1998-06-11
;; PRIOR APPLICATION NUMBER: 60/088876
;; PRIOR FILING DATE: 1998-06-11
;; PRIOR APPLICATION NUMBER: 60/089105
;; PRIOR FILING DATE: 1998-06-12
;; PRIOR APPLICATION NUMBER: 60/089440
;; PRIOR FILING DATE: 1998-06-16
;; PRIOR APPLICATION NUMBER: 60/089512
;; PRIOR FILING DATE: 1998-06-16
;; PRIOR APPLICATION NUMBER: 60/089514
;; PRIOR FILING DATE: 1998-06-16
;; PRIOR APPLICATION NUMBER: 60/089532
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089538
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089598
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089599
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089600
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089653
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089801
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089907
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089908
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089947
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/089948
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/089952
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/090246
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090252
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090254

;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090349
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090355
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090429
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090431
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090435
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090444
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090445
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090472
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090535
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090540
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090542
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090557
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090676
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090678
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090690
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090694
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090695
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090696
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090862
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/090863
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/091360
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091478
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091544
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091519
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091626
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091633
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091978
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VACRCLFLLMGTFLSVSCTVLAQDALLVFPQVQAQISCTLSFQHVITRDYGVSWYQQR 60
Db 1 VACRCLFLLMGTFLSVSCTVLAQDALLVFPQVQAQISCTLSFQHVITRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITSPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITSPVQPEDDADYYCSVGYG 120
QY 121 FSP 123

|||
RESULT 17
US-09-990-444-117
; Sequence 117, Application US/09990444
; Publication No. US20020193300A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C19
; CURRENT APPLICATION NUMBER: US/09/990,444
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088028
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088030
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090252
; PRIOR FILING DATE: 1998-06-22

1 PRIOR APPLICATION NUMBER: 60/090254
1 PRIOR FILING DATE: 1998-06-22
1 PRIOR APPLICATION NUMBER: 60/090349
1 PRIOR FILING DATE: 1998-06-23
1 PRIOR APPLICATION NUMBER: 60/090355
1 PRIOR FILING DATE: 1998-06-23
1 PRIOR APPLICATION NUMBER: 60/090429
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090431
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090435
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090444
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090445
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090472
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090535
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090540
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090542
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090557
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090676
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090678
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090690
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090694
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090695
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090696
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090862
1 PRIOR FILING DATE: 1998-06-26
1 PRIOR APPLICATION NUMBER: 60/090863
1 PRIOR FILING DATE: 1998-06-26
1 PRIOR APPLICATION NUMBER: 60/091360
1 PRIOR FILING DATE: 1998-07-01
1 PRIOR APPLICATION NUMBER: 60/091478
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091544
1 PRIOR FILING DATE: 1998-07-01
1 PRIOR APPLICATION NUMBER: 60/091519
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091626
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091633
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091978
1 PRIOR FILING DATE: 1998-07-07
1 PRIOR APPLICATION NUMBER: 60/091982
1 PRIOR FILING DATE: 1998-07-07
1 PRIOR APPLICATION NUMBER: 60/092182
1 PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MACRCLSLMGTLFSLVLAQLDALLVFPQVQLSCTLSQPHVTIRDYGVSWYQQR 60
1 MACRCLSLMGTLFSLVLAQLDALLVFPQVQLSCTLSQPHVTIRDYGVSWYQQR 60
61 AGSAPRYLLYRSDEHHRPADIPDRSAKDEAHNAACVLTISVPQEDDADYCVSYG 120
61 AGSAPRYLLYRSDEHHRPADIPDRSAKDEAHNAACVLTISVPQEDDADYCVSYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 18

US-09-991-181-117
Sequence 117, Application US/09991181
Publication No. US2002019761SAI
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PICS3
CURRENT APPLICATION NUMBER: US/09/991.181
CURRENT FILING DATE: 2001-11-16
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026

, PRIOR APPLICATION NUMBER: 60/088028
 , PRIOR FILING DATE: 1998-06-04
 , PRIOR APPLICATION NUMBER: 60/088029
 , PRIOR FILING DATE: 1998-06-04
 , PRIOR APPLICATION NUMBER: 60/088030
 , PRIOR FILING DATE: 1998-06-04
 , PRIOR APPLICATION NUMBER: 60/088033
 , PRIOR FILING DATE: 1998-06-04
 , PRIOR APPLICATION NUMBER: 60/088326
 , PRIOR FILING DATE: 1998-06-04
 , PRIOR APPLICATION NUMBER: 60/088167
 , PRIOR FILING DATE: 1998-06-05
 , PRIOR APPLICATION NUMBER: 60/088202
 , PRIOR FILING DATE: 1998-06-05
 , PRIOR APPLICATION NUMBER: 60/088212
 , PRIOR FILING DATE: 1998-06-05
 , PRIOR APPLICATION NUMBER: 60/088217
 , PRIOR FILING DATE: 1998-06-05
 , PRIOR APPLICATION NUMBER: 60/088655
 , PRIOR FILING DATE: 1998-06-09
 , PRIOR APPLICATION NUMBER: 60/088734
 , PRIOR FILING DATE: 1998-06-10
 , PRIOR APPLICATION NUMBER: 60/088738
 , PRIOR FILING DATE: 1998-06-10
 , PRIOR APPLICATION NUMBER: 60/088742
 , PRIOR FILING DATE: 1998-06-10
 , PRIOR APPLICATION NUMBER: 60/088810
 , PRIOR FILING DATE: 1998-06-10
 , PRIOR APPLICATION NUMBER: 60/088824
 , PRIOR FILING DATE: 1998-06-10
 , PRIOR APPLICATION NUMBER: 60/088826
 , PRIOR FILING DATE: 1998-06-10
 , PRIOR APPLICATION NUMBER: 60/088858
 , PRIOR FILING DATE: 1998-06-11
 , PRIOR APPLICATION NUMBER: 60/088861
 , PRIOR FILING DATE: 1998-06-11
 , PRIOR APPLICATION NUMBER: 60/088876
 , PRIOR FILING DATE: 1998-06-11
 , PRIOR APPLICATION NUMBER: 60/089105
 , PRIOR FILING DATE: 1998-06-12
 , PRIOR APPLICATION NUMBER: 60/089440
 , PRIOR FILING DATE: 1998-06-16
 , PRIOR APPLICATION NUMBER: 60/089512
 , PRIOR FILING DATE: 1998-06-16
 , PRIOR APPLICATION NUMBER: 60/089514
 , PRIOR FILING DATE: 1998-06-16
 , PRIOR APPLICATION NUMBER: 60/089532
 , PRIOR FILING DATE: 1998-06-17
 , PRIOR APPLICATION NUMBER: 60/089538
 , PRIOR FILING DATE: 1998-06-17
 , PRIOR APPLICATION NUMBER: 60/089598
 , PRIOR FILING DATE: 1998-06-17
 , PRIOR APPLICATION NUMBER: 60/089599
 , PRIOR FILING DATE: 1998-06-17
 , PRIOR APPLICATION NUMBER: 60/089600
 , PRIOR FILING DATE: 1998-06-17
 , PRIOR APPLICATION NUMBER: 60/089653
 , PRIOR FILING DATE: 1998-06-17
 , PRIOR APPLICATION NUMBER: 60/089801
 , PRIOR FILING DATE: 1998-06-18
 , PRIOR APPLICATION NUMBER: 60/089907
 , PRIOR FILING DATE: 1998-06-18
 , PRIOR APPLICATION NUMBER: 60/089908
 , PRIOR FILING DATE: 1998-06-18
 , PRIOR APPLICATION NUMBER: 60/089947
 , PRIOR FILING DATE: 1998-06-19
 , PRIOR APPLICATION NUMBER: 60/089948
 , PRIOR FILING DATE: 1998-06-19
 , PRIOR APPLICATION NUMBER: 60/089952
 , PRIOR FILING DATE: 1998-06-19
 , PRIOR APPLICATION NUMBER: 60/090246
 , PRIOR FILING DATE: 1998-06-22
 , PRIOR APPLICATION NUMBER: 60/090252

, PRIOR FILING DATE: 1998-06-22
 , PRIOR APPLICATION NUMBER: 60/090254
 , PRIOR FILING DATE: 1998-06-22
 , PRIOR APPLICATION NUMBER: 60/090349
 , PRIOR FILING DATE: 1998-06-23
 , PRIOR APPLICATION NUMBER: 60/090355
 , PRIOR FILING DATE: 1998-06-23
 , PRIOR APPLICATION NUMBER: 60/090429
 , PRIOR FILING DATE: 1998-06-24
 , PRIOR APPLICATION NUMBER: 60/090431
 , PRIOR FILING DATE: 1998-06-24
 , PRIOR APPLICATION NUMBER: 60/090435
 , PRIOR FILING DATE: 1998-06-24
 , PRIOR APPLICATION NUMBER: 60/090444
 , PRIOR FILING DATE: 1998-06-24
 , PRIOR APPLICATION NUMBER: 60/090445
 , PRIOR FILING DATE: 1998-06-24
 , PRIOR APPLICATION NUMBER: 60/090472
 , PRIOR FILING DATE: 1998-06-24
 , PRIOR APPLICATION NUMBER: 60/090535
 , PRIOR FILING DATE: 1998-06-24
 , PRIOR APPLICATION NUMBER: 60/090540
 , PRIOR FILING DATE: 1998-06-24
 , PRIOR APPLICATION NUMBER: 60/090542
 , PRIOR FILING DATE: 1998-06-24
 , PRIOR APPLICATION NUMBER: 60/090557
 , PRIOR FILING DATE: 1998-06-24
 , PRIOR APPLICATION NUMBER: 60/090676
 , PRIOR FILING DATE: 1998-06-25
 , PRIOR APPLICATION NUMBER: 60/090678
 , PRIOR FILING DATE: 1998-06-25
 , PRIOR APPLICATION NUMBER: 60/090690
 , PRIOR FILING DATE: 1998-06-25
 , PRIOR APPLICATION NUMBER: 60/090694
 , PRIOR FILING DATE: 1998-06-25
 , PRIOR APPLICATION NUMBER: 60/090695
 , PRIOR FILING DATE: 1998-06-25
 , PRIOR APPLICATION NUMBER: 60/090696
 , PRIOR FILING DATE: 1998-06-25
 , PRIOR APPLICATION NUMBER: 60/090862
 , PRIOR FILING DATE: 1998-06-26
 , PRIOR APPLICATION NUMBER: 60/090863
 , PRIOR FILING DATE: 1998-06-26
 , PRIOR APPLICATION NUMBER: 60/091360
 , PRIOR FILING DATE: 1998-07-01
 , PRIOR APPLICATION NUMBER: 60/091478
 , PRIOR FILING DATE: 1998-07-02
 , PRIOR APPLICATION NUMBER: 60/091544
 , PRIOR FILING DATE: 1998-07-01
 , PRIOR APPLICATION NUMBER: 60/091519
 , PRIOR FILING DATE: 1998-07-02
 , PRIOR APPLICATION NUMBER: 60/091626
 , PRIOR FILING DATE: 1998-07-02
 , PRIOR APPLICATION NUMBER: 60/091633
 , PRIOR FILING DATE: 1998-07-02
 , PRIOR APPLICATION NUMBER: 60/091978
 , PRIOR FILING DATE: 1998-07-07
 , PRIOR APPLICATION NUMBER: 60/091982
 , PRIOR FILING DATE: 1998-07-07
 , PRIOR APPLICATION NUMBER: 60/092182
 , PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACCLSFLLMGTFLSVSTVLAQDALLVPPGVAQLSCTLSFQHTVIRDYGVSWYQOR 60
 Db 1 MACCLSFLLMGTFLSVSTVLAQDALLVPPGVAQLSCTLSFQHTVIRDYGVSWYQOR 60
 Qy 61 AGSAPRYLLYYRSEEDHHRPADIPDRFSAKDEAHNACVLITISFVQPEDDADYVCVGYG 120
 Db 61 AGSAPRYLLYYRSEEDHHRPADIPDRFSAKDEAHNACVLITISFVQPEDDADYVCVGYG 120

Qy 121 FSP 123
Db 121 FSP 123

RESULT 19

US-09-989-730-117

; Sequence 117, Application US/09989730

; Publication No. US20020197674A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.

; APPLICANT: Baker, Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Fong, Sherman

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K.

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2730PIC69

; CURRENT APPLICATION NUMBER: US/09/989,730

; CURRENT FILING DATE: 2001-11-20

; PRIOR APPLICATION NUMBER: 60/049787

; PRIOR FILING DATE: 1997-06-16

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/065186

; PRIOR FILING DATE: 1997-11-12

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066770

; PRIOR FILING DATE: 1997-11-24

; PRIOR APPLICATION NUMBER: 60/075945

; PRIOR FILING DATE: 1998-02-25

; PRIOR APPLICATION NUMBER: 60/078910

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/083322

; PRIOR FILING DATE: 1998-04-28

; PRIOR APPLICATION NUMBER: 60/084600

; PRIOR FILING DATE: 1998-05-07

; PRIOR APPLICATION NUMBER: 60/087106

; PRIOR FILING DATE: 1998-05-28

; PRIOR APPLICATION NUMBER: 60/087607

; PRIOR FILING DATE: 1998-06-02

; PRIOR APPLICATION NUMBER: 60/087609

; PRIOR FILING DATE: 1998-06-02

; PRIOR APPLICATION NUMBER: 60/087759

; PRIOR FILING DATE: 1998-06-02

; PRIOR APPLICATION NUMBER: 60/087827

; PRIOR FILING DATE: 1998-06-03

; PRIOR APPLICATION NUMBER: 60/088021

; PRIOR FILING DATE: 1998-06-04

; PRIOR APPLICATION NUMBER: 60/088025

; PRIOR FILING DATE: 1998-06-04

; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088028
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088030
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-15
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089601
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22

61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISPVQEDDADYCVSVGYG 120

121 FSP 123

121 FSP 123

RESULT 20

US-09-990-436-117

; Sequence 117, Application US/09990436

; Publication No. US20020198148A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K.

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2730P1C14

CURRENT APPLICATION NUMBER: US/09/990,436

CURRENT FILING DATE: 2001-11-14

PRIOR APPLICATION NUMBER: 60/049787

PRIOR FILING DATE: 1997-06-16

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/065186

PRIOR FILING DATE: 1997-11-12

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066770

PRIOR FILING DATE: 1997-11-24

PRIOR APPLICATION NUMBER: 60/075945

PRIOR FILING DATE: 1998-02-25

PRIOR APPLICATION NUMBER: 60/078910

PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/083322

PRIOR FILING DATE: 1998-04-28

PRIOR APPLICATION NUMBER: 60/084600

PRIOR FILING DATE: 1998-05-07

PRIOR APPLICATION NUMBER: 60/087106

PRIOR FILING DATE: 1998-05-28

PRIOR APPLICATION NUMBER: 60/087607

PRIOR FILING DATE: 1998-06-02

PRIOR APPLICATION NUMBER: 60/087609

PRIOR FILING DATE: 1998-06-02

PRIOR APPLICATION NUMBER: 60/087759

PRIOR FILING DATE: 1998-06-02

PRIOR APPLICATION NUMBER: 60/087827

PRIOR FILING DATE: 1998-06-03

PRIOR APPLICATION NUMBER: 60/088021

PRIOR FILING DATE: 1998-06-04

PRIOR APPLICATION NUMBER: 60/088025

PRIOR FILING DATE: 1998-06-04

Query Match 100.0%; Score 657; DB 9; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACCLSLFLMGTLVSQVLAQLDALLVFPQVLAQLSCTLSFQVHTIRDIYGVSVYQQR 60

Db 1 MACCLSLFLMGTLVSQVLAQLDALLVFPQVLAQLSCTLSFQVHTIRDIYGVSVYQQR 60

Qy 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISPVQEDDADYCVSVGYG 120

;; PRIOR APPLICATION NUMBER: 60/088026
;; PRIOR FILING DATE: 1998-06-04
;; PRIOR APPLICATION NUMBER: 60/088028
;; PRIOR FILING DATE: 1998-06-04
;; PRIOR APPLICATION NUMBER: 60/088029
;; PRIOR FILING DATE: 1998-06-04
;; PRIOR APPLICATION NUMBER: 60/088030
;; PRIOR FILING DATE: 1998-06-04
;; PRIOR APPLICATION NUMBER: 60/088033
;; PRIOR FILING DATE: 1998-06-04
;; PRIOR APPLICATION NUMBER: 60/088326
;; PRIOR FILING DATE: 1998-06-04
;; PRIOR APPLICATION NUMBER: 60/088167
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/088202
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/088212
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/088217
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/088655
;; PRIOR FILING DATE: 1998-06-09
;; PRIOR APPLICATION NUMBER: 60/088734
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088738
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088742
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088810
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088824
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088826
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088858
;; PRIOR FILING DATE: 1998-06-11
;; PRIOR APPLICATION NUMBER: 60/088861
;; PRIOR FILING DATE: 1998-06-11
;; PRIOR APPLICATION NUMBER: 60/088876
;; PRIOR FILING DATE: 1998-06-11
;; PRIOR APPLICATION NUMBER: 60/089105
;; PRIOR FILING DATE: 1998-06-12
;; PRIOR APPLICATION NUMBER: 60/089440
;; PRIOR FILING DATE: 1998-06-16
;; PRIOR APPLICATION NUMBER: 60/089512
;; PRIOR FILING DATE: 1998-06-16
;; PRIOR APPLICATION NUMBER: 60/089514
;; PRIOR FILING DATE: 1998-06-16
;; PRIOR APPLICATION NUMBER: 60/089532
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089538
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089598
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089599
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089600
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089653
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089801
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089907
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089908
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089947
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/089948
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/089952
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/090246

;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090252
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090254
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090349
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090355
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090429
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090431
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090435
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090444
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090445
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090472
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090535
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090540
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090542
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090557
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090676
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090678
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090690
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090694
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090695
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090696
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090862
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/090863
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/091360
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091478
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091544
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091519
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091626
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091633
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091978
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACCLSFLLMGTFELSVSQTIVLAQDALLVPFGQVAGLSCTLSPOHVTIRDYGVSWYQOR 60

Db 1 MACCLSFLLMGTFELSVSQTIVLAQDALLVPFGQVAGLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYYRSEDDHHRPADIPDRFSAKDEAHNAACVLITISVPQPEDDADYYCVSYG 120

Db 61 ASAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQEDDADYYCSGVG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 21
US-09-993-687-117
; Sequence 117, Application US/09993687
; Publication No. US20020198149A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Fertara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC11
; CURRENT APPLICATION NUMBER: US/09/993,687
; CURRENT FILING DATE: 2002-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088028
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088030
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19

;; PRIOR APPLICATION NUMBER: 60/090246
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090252
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090254
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090349
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090355
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090429
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090431
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090435
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090444
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090445
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090472
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090535
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090540
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090542
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090557
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090676
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090678
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090690
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090694
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090695
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090696
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090862
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/090863
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/091360
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091478
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091544
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091519
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091626
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091633
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091978
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 9; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLSLFMGTFLSVQTVLAQLDALLVPGQVACLCTLSLPOHVTIRDYGVSWYQOR 60
Db 1 MACRCLSLFMGTFLSVQTVLAQLDALLVPGQVACLCTLSLPOHVTIRDYGVSWYQOR 60

QY 61 ACSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPEDDADYYCYSVG 120
Db 61 ACSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPEDDADYYCYSVG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 22

US-09-989-734-117
; Sequence 117, Application US/09989734
; Publication No. US20030003531A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PLC64
; CURRENT APPLICATION NUMBER: US/09/989,734
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04

1 PRIOR APPLICATION NUMBER: 60/088025
1 PRIOR FILING DATE: 1998-06-04
1 PRIOR APPLICATION NUMBER: 60/088026
1 PRIOR FILING DATE: 1998-06-04
1 PRIOR APPLICATION NUMBER: 60/088028
1 PRIOR FILING DATE: 1998-06-04
1 PRIOR APPLICATION NUMBER: 60/088029
1 PRIOR FILING DATE: 1998-06-04
1 PRIOR APPLICATION NUMBER: 60/088030
1 PRIOR FILING DATE: 1998-06-04
1 PRIOR APPLICATION NUMBER: 60/088033
1 PRIOR FILING DATE: 1998-06-04
1 PRIOR APPLICATION NUMBER: 60/088326
1 PRIOR FILING DATE: 1998-06-04
1 PRIOR APPLICATION NUMBER: 60/088167
1 PRIOR FILING DATE: 1998-06-05
1 PRIOR APPLICATION NUMBER: 60/088202
1 PRIOR FILING DATE: 1998-06-05
1 PRIOR APPLICATION NUMBER: 60/088212
1 PRIOR FILING DATE: 1998-06-05
1 PRIOR APPLICATION NUMBER: 60/088217
1 PRIOR FILING DATE: 1998-06-05
1 PRIOR APPLICATION NUMBER: 60/088655
1 PRIOR FILING DATE: 1998-06-09
1 PRIOR APPLICATION NUMBER: 60/088734
1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/088738
1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/088742
1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/088810
1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/088824
1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/088826
1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/088858
1 PRIOR FILING DATE: 1998-06-11
1 PRIOR APPLICATION NUMBER: 60/088861
1 PRIOR FILING DATE: 1998-06-11
1 PRIOR APPLICATION NUMBER: 60/088876
1 PRIOR FILING DATE: 1998-06-11
1 PRIOR APPLICATION NUMBER: 60/089105
1 PRIOR FILING DATE: 1998-06-12
1 PRIOR APPLICATION NUMBER: 60/089440
1 PRIOR FILING DATE: 1998-06-16
1 PRIOR APPLICATION NUMBER: 60/089512
1 PRIOR FILING DATE: 1998-06-16
1 PRIOR APPLICATION NUMBER: 60/089514
1 PRIOR FILING DATE: 1998-06-16
1 PRIOR APPLICATION NUMBER: 60/089532
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089538
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089598
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089599
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089600
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089653
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089801
1 PRIOR FILING DATE: 1998-06-18
1 PRIOR APPLICATION NUMBER: 60/089907
1 PRIOR FILING DATE: 1998-06-18
1 PRIOR APPLICATION NUMBER: 60/089908
1 PRIOR FILING DATE: 1998-06-18
1 PRIOR APPLICATION NUMBER: 60/089947
1 PRIOR FILING DATE: 1998-06-19
1 PRIOR APPLICATION NUMBER: 60/089948
1 PRIOR FILING DATE: 1998-06-19
1 PRIOR APPLICATION NUMBER: 60/089952

1 PRIOR FILING DATE: 1998-06-19
1 PRIOR APPLICATION NUMBER: 60/090246
1 PRIOR FILING DATE: 1998-06-22
1 PRIOR APPLICATION NUMBER: 60/090252
1 PRIOR FILING DATE: 1998-06-22
1 PRIOR APPLICATION NUMBER: 60/090254
1 PRIOR FILING DATE: 1998-06-22
1 PRIOR APPLICATION NUMBER: 60/090349
1 PRIOR FILING DATE: 1998-06-23
1 PRIOR APPLICATION NUMBER: 60/090355
1 PRIOR FILING DATE: 1998-06-23
1 PRIOR APPLICATION NUMBER: 60/090429
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090431
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090435
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090444
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090445
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090472
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090535
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090540
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090542
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090557
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090676
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090678
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090690
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090694
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090695
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090696
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090862
1 PRIOR FILING DATE: 1998-06-26
1 PRIOR APPLICATION NUMBER: 60/090863
1 PRIOR FILING DATE: 1998-06-26
1 PRIOR APPLICATION NUMBER: 60/091360
1 PRIOR FILING DATE: 1998-07-01
1 PRIOR APPLICATION NUMBER: 60/091478
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091544
1 PRIOR FILING DATE: 1998-07-01
1 PRIOR APPLICATION NUMBER: 60/091519
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091626
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091633
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091978
1 PRIOR FILING DATE: 1998-07-07
1 PRIOR APPLICATION NUMBER: 60/091982
1 PRIOR FILING DATE: 1998-07-07
1 PRIOR APPLICATION NUMBER: 60/092182
1 PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGVSWYQOR 60

Db 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Qy 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNAACVLITISVPQEDDADYYCSYGYG 120
Db 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNAACVLITISVPQEDDADYYCSYGYG 120
Qy 121 FSP 123
Db 121 FSP 123

RESULT 24

US-09-993-667-117
; Sequence 117, Application US/09993667
; Publication No. US20030022187A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C4
; CURRENT APPLICATION NUMBER: US/09/993,667
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03

; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090252
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090254
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090355
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090535
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090540
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090542
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090676
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090678
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090690
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090694
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090696
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09
Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

1 PRIOR APPLICATION NUMBER: 60/088021
1 PRIOR FILING DATE: 1998-06-04
1 PRIOR APPLICATION NUMBER: 60/088025
1 PRIOR FILING DATE: 1998-06-04
1 PRIOR APPLICATION NUMBER: 60/088026
1 PRIOR FILING DATE: 1998-06-04
1 PRIOR APPLICATION NUMBER: 60/088028
1 PRIOR FILING DATE: 1998-06-04
1 PRIOR APPLICATION NUMBER: 60/088029
1 PRIOR FILING DATE: 1998-06-04
1 PRIOR APPLICATION NUMBER: 60/088030
1 PRIOR FILING DATE: 1998-06-04
1 PRIOR APPLICATION NUMBER: 60/088033
1 PRIOR FILING DATE: 1998-06-04
1 PRIOR APPLICATION NUMBER: 60/088326
1 PRIOR FILING DATE: 1998-06-04
1 PRIOR APPLICATION NUMBER: 60/088167
1 PRIOR FILING DATE: 1998-06-05
1 PRIOR APPLICATION NUMBER: 60/088202
1 PRIOR FILING DATE: 1998-06-05
1 PRIOR APPLICATION NUMBER: 60/088212
1 PRIOR FILING DATE: 1998-06-05
1 PRIOR APPLICATION NUMBER: 60/088217
1 PRIOR FILING DATE: 1998-06-05
1 PRIOR APPLICATION NUMBER: 60/088655
1 PRIOR FILING DATE: 1998-06-09
1 PRIOR APPLICATION NUMBER: 60/088734
1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/088738
1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/088742
1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/088810
1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/088824
1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/088826
1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/088858
1 PRIOR FILING DATE: 1998-06-11
1 PRIOR APPLICATION NUMBER: 60/088861
1 PRIOR FILING DATE: 1998-06-11
1 PRIOR APPLICATION NUMBER: 60/088876
1 PRIOR FILING DATE: 1998-06-11
1 PRIOR APPLICATION NUMBER: 60/089105
1 PRIOR FILING DATE: 1998-06-12
1 PRIOR APPLICATION NUMBER: 60/089440
1 PRIOR FILING DATE: 1998-06-16
1 PRIOR APPLICATION NUMBER: 60/089512
1 PRIOR FILING DATE: 1998-06-16
1 PRIOR APPLICATION NUMBER: 60/089514
1 PRIOR FILING DATE: 1998-06-16
1 PRIOR APPLICATION NUMBER: 60/089532
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089538
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089598
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089599
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089600
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089653
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089801
1 PRIOR FILING DATE: 1998-06-18
1 PRIOR APPLICATION NUMBER: 60/089907
1 PRIOR FILING DATE: 1998-06-18
1 PRIOR APPLICATION NUMBER: 60/089908
1 PRIOR FILING DATE: 1998-06-18
1 PRIOR APPLICATION NUMBER: 60/089947
1 PRIOR FILING DATE: 1998-06-19
1 PRIOR APPLICATION NUMBER: 60/089948

1 PRIOR FILING DATE: 1998-06-19
1 PRIOR APPLICATION NUMBER: 60/089952
1 PRIOR FILING DATE: 1998-06-19
1 PRIOR APPLICATION NUMBER: 60/090246
1 PRIOR FILING DATE: 1998-06-22
1 PRIOR APPLICATION NUMBER: 60/090252
1 PRIOR FILING DATE: 1998-06-22
1 PRIOR APPLICATION NUMBER: 60/090254
1 PRIOR FILING DATE: 1998-06-22
1 PRIOR APPLICATION NUMBER: 60/090349
1 PRIOR FILING DATE: 1998-06-23
1 PRIOR APPLICATION NUMBER: 60/090355
1 PRIOR FILING DATE: 1998-06-23
1 PRIOR APPLICATION NUMBER: 60/090429
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090431
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090435
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090444
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090445
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090472
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090535
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090540
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090542
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090557
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090676
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090678
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090690
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090694
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090695
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090696
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090862
1 PRIOR FILING DATE: 1998-06-26
1 PRIOR APPLICATION NUMBER: 60/090863
1 PRIOR FILING DATE: 1998-06-26
1 PRIOR APPLICATION NUMBER: 60/091360
1 PRIOR FILING DATE: 1998-07-01
1 PRIOR APPLICATION NUMBER: 60/091478
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091544
1 PRIOR FILING DATE: 1998-07-01
1 PRIOR APPLICATION NUMBER: 60/091519
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091626
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091633
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091978
1 PRIOR FILING DATE: 1998-07-07
1 PRIOR APPLICATION NUMBER: 60/091982
1 PRIOR FILING DATE: 1998-07-07
1 PRIOR APPLICATION NUMBER: 60/092182
1 PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 MACRCLSFLLMGTFLLSVQVLAQLDALLVFPQVQAQLSCTSPQVHTTRDVGVSNYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVPEDDADYYCSGVG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVPEDDADYYCSGVG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 25

US-09-148-545-200
; Sequence 200, Application US/09148545
; Publication No. US20030027132A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 70 Human Secreted Proteins
; FILE REFERENCE: P2001P1
; CURRENT APPLICATION NUMBER: US/09/148,545
; CURRENT FILING DATE: 1998-09-04
; EARLIER APPLICATION NUMBER: PCT/US98/04482
; EARLIER FILING DATE: 1998-03-06
; EARLIER APPLICATION NUMBER: 60/040,162
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,333
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/038,621
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,161
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,626
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,334
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,336
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,163
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/047,615
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,600
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,597
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,502
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,633
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,583
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,617
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,618
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,503
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,592
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,581
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,584
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,500
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,587
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,492
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,598
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,613

; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,582
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,596
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,612
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,632
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,601
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/043,580
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,568
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,314
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,569
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,311
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,671
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,674
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,669
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,312
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,313
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,672
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,315
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/048,974
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/056,886
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,877
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,889
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,893
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,630
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,878
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,662
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,872
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,882
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,637
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,903
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,888
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,879
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,880
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,894
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,911
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,636
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,874
; EARLIER FILING DATE: 1997-08-22

```

; EARLIER APPLICATION NUMBER: 60/056,910
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,864
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,631
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,845
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,892
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/047,595
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/057,761
; EARLIER FILING DATE: 05-Sep-1997
; EARLIER APPLICATION NUMBER: 60/047,599
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,588
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,585
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,586
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,590
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,594
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,589
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,593
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,614
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/043,578
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,576
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/047,501
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/043,670
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/056,632
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,664
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,876
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,881
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,909
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,875
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,862
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,887
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,908
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/048,964
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/057,650
; EARLIER FILING DATE: 1997-09-05
; EARLIER APPLICATION NUMBER: 60/056,884
; EARLIER FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 280
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 200
; LENGTH: 123

Query Match          100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; 1 MACRCLSFLLMGTFLLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
; | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
; 1 MACRCLSFLLMGTFLLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
; | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
; 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLITSPVQPEDDADYYCSGVG 120
; | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
; 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLITSPVQPEDDADYYCSGVG 120
; | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
; 121 FSP 123
; | | |
; 121 FSP 123
; | | |

RESULT 26
US-09-997-428-117
; Sequence 117, Application US/0997428
; Publication No. US20030027162A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC44
; CURRENT APPLICATION NUMBER: US/09/997,428
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
```

1 PRIOR APPLICATION NUMBER: 60/087827
2 PRIOR FILING DATE: 1998-06-03
3 PRIOR APPLICATION NUMBER: 60/088021
4 PRIOR FILING DATE: 1998-06-04
5 PRIOR APPLICATION NUMBER: 60/088025
6 PRIOR FILING DATE: 1998-06-04
7 PRIOR APPLICATION NUMBER: 60/088026
8 PRIOR FILING DATE: 1998-06-04
9 PRIOR APPLICATION NUMBER: 60/088028
10 PRIOR FILING DATE: 1998-06-04
11 PRIOR APPLICATION NUMBER: 60/088029
12 PRIOR FILING DATE: 1998-06-04
13 PRIOR APPLICATION NUMBER: 60/088030
14 PRIOR FILING DATE: 1998-06-04
15 PRIOR APPLICATION NUMBER: 60/088033
16 PRIOR FILING DATE: 1998-06-04
17 PRIOR APPLICATION NUMBER: 60/088326
18 PRIOR FILING DATE: 1998-06-04
19 PRIOR APPLICATION NUMBER: 60/088167
20 PRIOR FILING DATE: 1998-06-05
21 PRIOR APPLICATION NUMBER: 60/088202
22 PRIOR FILING DATE: 1998-06-05
23 PRIOR APPLICATION NUMBER: 60/088212
24 PRIOR FILING DATE: 1998-06-05
25 PRIOR APPLICATION NUMBER: 60/088217
26 PRIOR FILING DATE: 1998-06-05
27 PRIOR APPLICATION NUMBER: 60/088655
28 PRIOR FILING DATE: 1998-06-09
29 PRIOR APPLICATION NUMBER: 60/088734
30 PRIOR FILING DATE: 1998-06-10
31 PRIOR APPLICATION NUMBER: 60/088738
32 PRIOR FILING DATE: 1998-06-10
33 PRIOR APPLICATION NUMBER: 60/088742
34 PRIOR FILING DATE: 1998-06-10
35 PRIOR APPLICATION NUMBER: 60/088810
36 PRIOR FILING DATE: 1998-06-10
37 PRIOR APPLICATION NUMBER: 60/088824
38 PRIOR FILING DATE: 1998-06-10
39 PRIOR APPLICATION NUMBER: 60/088826
40 PRIOR FILING DATE: 1998-06-10
41 PRIOR APPLICATION NUMBER: 60/088858
42 PRIOR FILING DATE: 1998-06-11
43 PRIOR APPLICATION NUMBER: 60/088861
44 PRIOR FILING DATE: 1998-06-11
45 PRIOR APPLICATION NUMBER: 60/088876
46 PRIOR FILING DATE: 1998-06-11
47 PRIOR APPLICATION NUMBER: 60/089105
48 PRIOR FILING DATE: 1998-06-12
49 PRIOR APPLICATION NUMBER: 60/089440
50 PRIOR FILING DATE: 1998-06-16
51 PRIOR APPLICATION NUMBER: 60/089512
52 PRIOR FILING DATE: 1998-06-16
53 PRIOR APPLICATION NUMBER: 60/089514
54 PRIOR FILING DATE: 1998-06-16
55 PRIOR APPLICATION NUMBER: 60/089532
56 PRIOR FILING DATE: 1998-06-17
57 PRIOR APPLICATION NUMBER: 60/089538
58 PRIOR FILING DATE: 1998-06-17
59 PRIOR APPLICATION NUMBER: 60/089598
60 PRIOR FILING DATE: 1998-06-17
61 PRIOR APPLICATION NUMBER: 60/089599
62 PRIOR FILING DATE: 1998-06-17
63 PRIOR APPLICATION NUMBER: 60/089600
64 PRIOR FILING DATE: 1998-06-17
65 PRIOR APPLICATION NUMBER: 60/089653
66 PRIOR FILING DATE: 1998-06-17
67 PRIOR APPLICATION NUMBER: 60/089801
68 PRIOR FILING DATE: 1998-06-18
69 PRIOR APPLICATION NUMBER: 60/089907
70 PRIOR FILING DATE: 1998-06-18
71 PRIOR APPLICATION NUMBER: 60/089908
72 PRIOR FILING DATE: 1998-06-18
73 PRIOR APPLICATION NUMBER: 60/089947

74 PRIOR FILING DATE: 1998-06-19
75 PRIOR APPLICATION NUMBER: 60/089948
76 PRIOR FILING DATE: 1998-06-19
77 PRIOR APPLICATION NUMBER: 60/089952
78 PRIOR FILING DATE: 1998-06-19
79 PRIOR APPLICATION NUMBER: 60/090246
80 PRIOR FILING DATE: 1998-06-22
81 PRIOR APPLICATION NUMBER: 60/090252
82 PRIOR FILING DATE: 1998-06-22
83 PRIOR APPLICATION NUMBER: 60/090254
84 PRIOR FILING DATE: 1998-06-22
85 PRIOR APPLICATION NUMBER: 60/090349
86 PRIOR FILING DATE: 1998-06-23
87 PRIOR APPLICATION NUMBER: 60/090355
88 PRIOR FILING DATE: 1998-06-23
89 PRIOR APPLICATION NUMBER: 60/090429
90 PRIOR FILING DATE: 1998-06-24
91 PRIOR APPLICATION NUMBER: 60/090431
92 PRIOR FILING DATE: 1998-06-24
93 PRIOR APPLICATION NUMBER: 60/090435
94 PRIOR FILING DATE: 1998-06-24
95 PRIOR APPLICATION NUMBER: 60/090444
96 PRIOR FILING DATE: 1998-06-24
97 PRIOR APPLICATION NUMBER: 60/090445
98 PRIOR FILING DATE: 1998-06-24
99 PRIOR APPLICATION NUMBER: 60/090472
100 PRIOR FILING DATE: 1998-06-24
101 PRIOR APPLICATION NUMBER: 60/090535
102 PRIOR FILING DATE: 1998-06-24
103 PRIOR APPLICATION NUMBER: 60/090540
104 PRIOR FILING DATE: 1998-06-24
105 PRIOR APPLICATION NUMBER: 60/090542
106 PRIOR FILING DATE: 1998-06-24
107 PRIOR APPLICATION NUMBER: 60/090557
108 PRIOR FILING DATE: 1998-06-24
109 PRIOR APPLICATION NUMBER: 60/090676
110 PRIOR FILING DATE: 1998-06-25
111 PRIOR APPLICATION NUMBER: 60/090678
112 PRIOR FILING DATE: 1998-06-25
113 PRIOR APPLICATION NUMBER: 60/090690
114 PRIOR FILING DATE: 1998-06-25
115 PRIOR APPLICATION NUMBER: 60/090694
116 PRIOR FILING DATE: 1998-06-25
117 PRIOR APPLICATION NUMBER: 60/090695
118 PRIOR FILING DATE: 1998-06-25
119 PRIOR APPLICATION NUMBER: 60/090696
120 PRIOR FILING DATE: 1998-06-25
121 PRIOR APPLICATION NUMBER: 60/090862
122 PRIOR FILING DATE: 1998-06-26
123 PRIOR APPLICATION NUMBER: 60/090863
124 PRIOR FILING DATE: 1998-06-26
125 PRIOR APPLICATION NUMBER: 60/091360
126 PRIOR FILING DATE: 1998-07-01
127 PRIOR APPLICATION NUMBER: 60/091478
128 PRIOR FILING DATE: 1998-07-02
129 PRIOR APPLICATION NUMBER: 60/091544
130 PRIOR FILING DATE: 1998-07-01
131 PRIOR APPLICATION NUMBER: 60/091519
132 PRIOR FILING DATE: 1998-07-02
133 PRIOR APPLICATION NUMBER: 60/091626
134 PRIOR FILING DATE: 1998-07-02
135 PRIOR APPLICATION NUMBER: 60/091633
136 PRIOR FILING DATE: 1998-07-02
137 PRIOR APPLICATION NUMBER: 60/091978
138 PRIOR FILING DATE: 1998-07-07
139 PRIOR APPLICATION NUMBER: 60/091982
140 PRIOR FILING DATE: 1998-07-07
141 PRIOR APPLICATION NUMBER: 60/092182
142 PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLNGTFLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
Db |||||
QY 1 MACRCLSFLLNGTFLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
Db |||||
QY 61 AGSAPRYLLYRSEDDHRRPADIPRFSAAKDEAHNACVLITISVPQEDDADYVCVGYG 120
Db |||||
QY 121 FSP 123
Db |||||
QY 121 FSP 123
Db |||||

RESULT 27

US-09-997-666-117
; Sequence 117, Application US/09997666
; Publication No. US20030027163A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C42
; CURRENT APPLICATION NUMBER: US/09/997,666
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759

; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088028
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088030
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-15
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18

; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090252
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090254
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090355
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090535
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090540
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090542
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090676
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090678
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090690
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090694
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090696
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09
;
Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MACRCLSLFLMGTFLSVSQTVLAQLDALLVFPQGVQVLAQSLTSPQHVITRDYGVSWYQQR 60
Db 1 MACRCLSLFLMGTFLSVSQTVLAQLDALLVFPQGVQVLAQSLTSPQHVITRDYGVSWYQQR 60
Qy 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNAACVLTISPQVEDDADYYCSYGYG 120
Db 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNAACVLTISPQVEDDADYYCSYGYG 120
Qy 121 FSP 123
Db 121 FSP 123

RESULT 28
US-09-990-438-117
; Sequence 117, Application US/09990438
; Publication No. US20030027754A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C3
; CURRENT APPLICATION NUMBER: US/09/990,438
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
;

1 PRIOR APPLICATION NUMBER: 60/087759
2 PRIOR FILING DATE: 1998-06-02
3 PRIOR APPLICATION NUMBER: 60/087827
4 PRIOR FILING DATE: 1998-06-03
5 PRIOR APPLICATION NUMBER: 60/088021
6 PRIOR FILING DATE: 1998-06-04
7 PRIOR APPLICATION NUMBER: 60/088025
8 PRIOR FILING DATE: 1998-06-04
9 PRIOR APPLICATION NUMBER: 60/088026
10 PRIOR FILING DATE: 1998-06-04
11 PRIOR APPLICATION NUMBER: 60/088028
12 PRIOR FILING DATE: 1998-06-04
13 PRIOR APPLICATION NUMBER: 60/088029
14 PRIOR FILING DATE: 1998-06-04
15 PRIOR APPLICATION NUMBER: 60/088030
16 PRIOR FILING DATE: 1998-06-04
17 PRIOR APPLICATION NUMBER: 60/088033
18 PRIOR FILING DATE: 1998-06-04
19 PRIOR APPLICATION NUMBER: 60/088326
20 PRIOR FILING DATE: 1998-06-04
21 PRIOR APPLICATION NUMBER: 60/088167
22 PRIOR FILING DATE: 1998-06-05
23 PRIOR APPLICATION NUMBER: 60/088202
24 PRIOR FILING DATE: 1998-06-05
25 PRIOR APPLICATION NUMBER: 60/088212
26 PRIOR FILING DATE: 1998-06-05
27 PRIOR APPLICATION NUMBER: 60/088217
28 PRIOR FILING DATE: 1998-06-05
29 PRIOR APPLICATION NUMBER: 60/088655
30 PRIOR FILING DATE: 1998-06-09
31 PRIOR APPLICATION NUMBER: 60/088734
32 PRIOR FILING DATE: 1998-06-10
33 PRIOR APPLICATION NUMBER: 60/088738
34 PRIOR FILING DATE: 1998-06-10
35 PRIOR APPLICATION NUMBER: 60/088742
36 PRIOR FILING DATE: 1998-06-10
37 PRIOR APPLICATION NUMBER: 60/088810
38 PRIOR FILING DATE: 1998-06-10
39 PRIOR APPLICATION NUMBER: 60/088824
40 PRIOR FILING DATE: 1998-06-10
41 PRIOR APPLICATION NUMBER: 60/088826
42 PRIOR FILING DATE: 1998-06-10
43 PRIOR APPLICATION NUMBER: 60/088858
44 PRIOR FILING DATE: 1998-06-11
45 PRIOR APPLICATION NUMBER: 60/088861
46 PRIOR FILING DATE: 1998-06-11
47 PRIOR APPLICATION NUMBER: 60/088876
48 PRIOR FILING DATE: 1998-06-11
49 PRIOR APPLICATION NUMBER: 60/089105
50 PRIOR FILING DATE: 1998-06-12
51 PRIOR APPLICATION NUMBER: 60/089440
52 PRIOR FILING DATE: 1998-06-16
53 PRIOR APPLICATION NUMBER: 60/089512
54 PRIOR FILING DATE: 1998-06-16
55 PRIOR APPLICATION NUMBER: 60/089514
56 PRIOR FILING DATE: 1998-06-16
57 PRIOR APPLICATION NUMBER: 60/089532
58 PRIOR FILING DATE: 1998-06-17
59 PRIOR APPLICATION NUMBER: 60/089538
60 PRIOR FILING DATE: 1998-06-17
61 PRIOR APPLICATION NUMBER: 60/089598
62 PRIOR FILING DATE: 1998-06-17
63 PRIOR APPLICATION NUMBER: 60/089599
64 PRIOR FILING DATE: 1998-06-17
65 PRIOR APPLICATION NUMBER: 60/089600
66 PRIOR FILING DATE: 1998-06-17
67 PRIOR APPLICATION NUMBER: 60/089653
68 PRIOR FILING DATE: 1998-06-17
69 PRIOR APPLICATION NUMBER: 60/089801
70 PRIOR FILING DATE: 1998-06-18
71 PRIOR APPLICATION NUMBER: 60/089907
72 PRIOR FILING DATE: 1998-06-18
73 PRIOR APPLICATION NUMBER: 60/089908

74 PRIOR FILING DATE: 1998-06-18
75 PRIOR APPLICATION NUMBER: 60/089947
76 PRIOR FILING DATE: 1998-06-19
77 PRIOR APPLICATION NUMBER: 60/089948
78 PRIOR FILING DATE: 1998-06-19
79 PRIOR APPLICATION NUMBER: 60/089952
80 PRIOR FILING DATE: 1998-06-19
81 PRIOR APPLICATION NUMBER: 60/090246
82 PRIOR FILING DATE: 1998-06-22
83 PRIOR APPLICATION NUMBER: 60/090252
84 PRIOR FILING DATE: 1998-06-22
85 PRIOR APPLICATION NUMBER: 60/090254
86 PRIOR FILING DATE: 1998-06-22
87 PRIOR APPLICATION NUMBER: 60/090349
88 PRIOR FILING DATE: 1998-06-23
89 PRIOR APPLICATION NUMBER: 60/090355
90 PRIOR FILING DATE: 1998-06-23
91 PRIOR APPLICATION NUMBER: 60/090429
92 PRIOR FILING DATE: 1998-06-24
93 PRIOR APPLICATION NUMBER: 60/090431
94 PRIOR FILING DATE: 1998-06-24
95 PRIOR APPLICATION NUMBER: 60/090435
96 PRIOR FILING DATE: 1998-06-24
97 PRIOR APPLICATION NUMBER: 60/090444
98 PRIOR FILING DATE: 1998-06-24
99 PRIOR APPLICATION NUMBER: 60/090445
100 PRIOR FILING DATE: 1998-06-24
101 PRIOR APPLICATION NUMBER: 60/090472
102 PRIOR FILING DATE: 1998-06-24
103 PRIOR APPLICATION NUMBER: 60/090535
104 PRIOR FILING DATE: 1998-06-24
105 PRIOR APPLICATION NUMBER: 60/090540
106 PRIOR FILING DATE: 1998-06-24
107 PRIOR APPLICATION NUMBER: 60/090542
108 PRIOR FILING DATE: 1998-06-24
109 PRIOR APPLICATION NUMBER: 60/090557
110 PRIOR FILING DATE: 1998-06-24
111 PRIOR APPLICATION NUMBER: 60/090676
112 PRIOR FILING DATE: 1998-06-25
113 PRIOR APPLICATION NUMBER: 60/090678
114 PRIOR FILING DATE: 1998-06-25
115 PRIOR APPLICATION NUMBER: 60/090690
116 PRIOR FILING DATE: 1998-06-25
117 PRIOR APPLICATION NUMBER: 60/090694
118 PRIOR FILING DATE: 1998-06-25
119 PRIOR APPLICATION NUMBER: 60/090695
120 PRIOR FILING DATE: 1998-06-25
121 PRIOR APPLICATION NUMBER: 60/090696
122 PRIOR FILING DATE: 1998-06-25
123 PRIOR APPLICATION NUMBER: 60/090862
124 PRIOR FILING DATE: 1998-06-26
125 PRIOR APPLICATION NUMBER: 60/090863
126 PRIOR FILING DATE: 1998-06-26
127 PRIOR APPLICATION NUMBER: 60/091360
128 PRIOR FILING DATE: 1998-07-01
129 PRIOR APPLICATION NUMBER: 60/091478
130 PRIOR FILING DATE: 1998-07-02
131 PRIOR APPLICATION NUMBER: 60/091544
132 PRIOR FILING DATE: 1998-07-01
133 PRIOR APPLICATION NUMBER: 60/091519
134 PRIOR FILING DATE: 1998-07-02
135 PRIOR APPLICATION NUMBER: 60/091626
136 PRIOR FILING DATE: 1998-07-02
137 PRIOR APPLICATION NUMBER: 60/091633
138 PRIOR FILING DATE: 1998-07-02
139 PRIOR APPLICATION NUMBER: 60/091978
140 PRIOR FILING DATE: 1998-07-07
141 PRIOR APPLICATION NUMBER: 60/091982
142 PRIOR FILING DATE: 1998-07-07
143 PRIOR APPLICATION NUMBER: 60/092182
144 PRIOR FILING DATE: 1998-07-09

Query Match

100.0%; Score 657; DB 10; Length 123;

PRIOR FILING DATE:	1998-06-02
PRIOR APPLICATION NUMBER:	60/087759
PRIOR FILING DATE:	1998-06-02
PRIOR APPLICATION NUMBER:	60/087827
PRIOR FILING DATE:	1998-06-03
PRIOR APPLICATION NUMBER:	60/088021
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088025
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088026
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088028
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088029
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088030
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088033
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088326
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088167
PRIOR FILING DATE:	1998-06-05
PRIOR APPLICATION NUMBER:	60/088202
PRIOR FILING DATE:	1998-06-05
PRIOR APPLICATION NUMBER:	60/088212
PRIOR FILING DATE:	1998-06-05
PRIOR APPLICATION NUMBER:	60/088217
PRIOR FILING DATE:	1998-06-05
PRIOR APPLICATION NUMBER:	60/088655
PRIOR FILING DATE:	1998-06-09
PRIOR APPLICATION NUMBER:	60/088734
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088738
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088742
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088810
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088824
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088826
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088958
PRIOR FILING DATE:	1998-06-11
PRIOR APPLICATION NUMBER:	60/088958
PRIOR FILING DATE:	1998-06-11
PRIOR APPLICATION NUMBER:	60/088961
PRIOR FILING DATE:	1998-06-11
PRIOR APPLICATION NUMBER:	60/088976
PRIOR FILING DATE:	1998-06-11
PRIOR APPLICATION NUMBER:	60/089105
PRIOR FILING DATE:	1998-06-12
PRIOR APPLICATION NUMBER:	60/089440
PRIOR FILING DATE:	1998-06-16
PRIOR APPLICATION NUMBER:	60/089512
PRIOR FILING DATE:	1998-06-16
PRIOR APPLICATION NUMBER:	60/089514
PRIOR FILING DATE:	1998-06-16
PRIOR APPLICATION NUMBER:	60/089532
PRIOR FILING DATE:	1998-06-17
PRIOR APPLICATION NUMBER:	60/089538
PRIOR FILING DATE:	1998-06-17
PRIOR APPLICATION NUMBER:	60/089598
PRIOR FILING DATE:	1998-06-17
PRIOR APPLICATION NUMBER:	60/089599
PRIOR FILING DATE:	1998-06-17
PRIOR APPLICATION NUMBER:	60/089600
PRIOR FILING DATE:	1998-06-17
PRIOR APPLICATION NUMBER:	60/089653
PRIOR FILING DATE:	1998-06-17
PRIOR APPLICATION NUMBER:	60/089801
PRIOR FILING DATE:	1998-06-18
PRIOR APPLICATION NUMBER:	60/089907
PRIOR FILING DATE:	1998-06-18

```

Query Match          100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. NO. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0

Qy      1 MACRCLSFLMGMGTFLVSQTVLAQDALLVPPGVAQLSCTLSFQHVITRDYCVSNVQQR 60
Db      1 MACRCLSFLMGMGTFLVSQTVLAQDALLVPPGVAQLSCTLSFQHVITRDYCVSNVQQR 60

Qy      61 AGSAPRYLLLYRSEEDHERPADIPDRFSAAKDEAHNAACVLITISPVQFEDDADYCSVGYG 120
Db      61 AGSAPRYLLLYRSEEDHERPADIPDRFSAAKDEAHNAACVLITISPVQFEDDADYCSVGYG 120

Qy      121 FSP 123
Db      121 FSP 123

RESULT 30
; Sequence 117, Application US/09990711
; Publication No. US20030032023A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC2
; CURRENT APPLICATION NUMBER: US/09/990,711
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02

```



```
Query Match          100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCFLFMGTFLSVSQVLAQLDALLVFPQCVAQLSCTLSPOHVTIRDYGVSWYQOR 60
    |||||
Db 1 MACRCFLFMGTFLSVSQVLAQLDALLVFPQCVAQLSCTLSPOHVTIRDYGVSWYQOR 60
    |||||

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTITSPQPEDADYVCVGVG 120
    |||||
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTITSPQPEDADYVCVGVG 120
    |||||

QY 121 FSP 123
    |||
Db 121 FSP 123

RESULT 31
US-09-989-726-117
; Sequence 117, Application US/09989726
; Publication No. US20030040473A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC60
; CURRENT APPLICATION NUMBER: US/09/989,726
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: 60/045787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/065770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088028
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088030
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-17
```

7	PRIOR APPLICATION NUMBER: 60/089907
8	PRIOR FILING DATE: 1998-06-18
9	PRIOR APPLICATION NUMBER: 60/089908
10	PRIOR FILING DATE: 1998-06-18
11	PRIOR APPLICATION NUMBER: 60/089917
12	PRIOR FILING DATE: 1998-06-19
13	PRIOR APPLICATION NUMBER: 60/089948
14	PRIOR FILING DATE: 1998-06-19
15	PRIOR APPLICATION NUMBER: 60/089952
16	PRIOR FILING DATE: 1998-06-19
17	PRIOR APPLICATION NUMBER: 60/090246
18	PRIOR FILING DATE: 1998-06-22
19	PRIOR APPLICATION NUMBER: 60/090252
20	PRIOR FILING DATE: 1998-06-22
21	PRIOR APPLICATION NUMBER: 60/090254
22	PRIOR FILING DATE: 1998-06-22
23	PRIOR APPLICATION NUMBER: 60/090349
24	PRIOR FILING DATE: 1998-06-23
25	PRIOR APPLICATION NUMBER: 60/090355
26	PRIOR FILING DATE: 1998-06-23
27	PRIOR APPLICATION NUMBER: 60/090429
28	PRIOR FILING DATE: 1998-06-24
29	PRIOR APPLICATION NUMBER: 60/090431
30	PRIOR FILING DATE: 1998-06-24
31	PRIOR APPLICATION NUMBER: 60/090435
32	PRIOR FILING DATE: 1998-06-24
33	PRIOR APPLICATION NUMBER: 60/090444
34	PRIOR FILING DATE: 1998-06-24
35	PRIOR APPLICATION NUMBER: 60/090445
36	PRIOR FILING DATE: 1998-06-24
37	PRIOR APPLICATION NUMBER: 60/090542
38	PRIOR FILING DATE: 1998-06-24
39	PRIOR APPLICATION NUMBER: 60/090557
40	PRIOR FILING DATE: 1998-06-24
41	PRIOR APPLICATION NUMBER: 60/090535
42	PRIOR FILING DATE: 1998-06-24
43	PRIOR APPLICATION NUMBER: 60/090540
44	PRIOR FILING DATE: 1998-06-24
45	PRIOR APPLICATION NUMBER: 60/090542
46	PRIOR FILING DATE: 1998-06-24
47	PRIOR APPLICATION NUMBER: 60/090557
48	PRIOR FILING DATE: 1998-06-24
49	PRIOR APPLICATION NUMBER: 60/090676
50	PRIOR FILING DATE: 1998-06-25
51	PRIOR APPLICATION NUMBER: 60/090878
52	PRIOR FILING DATE: 1998-06-25
53	PRIOR APPLICATION NUMBER: 60/090690
54	PRIOR FILING DATE: 1998-06-25
55	PRIOR APPLICATION NUMBER: 60/090694
56	PRIOR FILING DATE: 1998-06-25
57	PRIOR APPLICATION NUMBER: 60/090695
58	PRIOR FILING DATE: 1998-06-25
59	PRIOR APPLICATION NUMBER: 60/090696
60	PRIOR FILING DATE: 1998-06-25
61	PRIOR APPLICATION NUMBER: 60/090862
62	PRIOR FILING DATE: 1998-06-26
63	PRIOR APPLICATION NUMBER: 60/090863
64	PRIOR FILING DATE: 1998-06-26
65	PRIOR APPLICATION NUMBER: 60/091360
66	PRIOR FILING DATE: 1998-07-01
67	PRIOR APPLICATION NUMBER: 60/091478
68	PRIOR FILING DATE: 1998-07-02
69	PRIOR APPLICATION NUMBER: 60/091544
70	PRIOR FILING DATE: 1998-07-01
71	PRIOR APPLICATION NUMBER: 60/091519
72	PRIOR FILING DATE: 1998-07-02
73	PRIOR APPLICATION NUMBER: 60/091626
74	PRIOR FILING DATE: 1998-07-02
75	PRIOR APPLICATION NUMBER: 60/091633
76	PRIOR FILING DATE: 1998-07-02
77	PRIOR APPLICATION NUMBER: 60/091978
78	PRIOR FILING DATE: 1998-07-07
79	PRIOR APPLICATION NUMBER: 60/091982
80	PRIOR FILING DATE: 1998-07-07
81	PRIOR APPLICATION NUMBER: 60/092182
82	PRIOR FILING DATE: 1998-07-07

```

; PRIOR FILING DATE: 1998-07-09
Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred.No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCISFLLMGTTLSVSOTVLAQLDALLVFPQOVAQLSCTLSPOQHTVTRDYGVSWYQOR 60
DB 1 MACRCISFLLMGTTLSVSOTVLAQLDALLVFPQOVAQLSCTLSPOQHTVTRDYGVSWYQOR 60

QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRSAAKDBAHNAACVLTISPQPEDADYYCSGVG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRSAAKDBAHNAACVLTISPQPEDADYYCSGVG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 32
US-09-998-156-117
; Sequence 117, Application US/09998156
; Publication No. US20030044806A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC28
; CURRENT APPLICATION NUMBER: US/09/998,156
; PRIOR FILING DATE: 2001-11-15
; CURRENT APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-15
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28

```

1	PRIOR FILING DATE: 1998-06-18	
2	PRIOR APPLICATION NUMBER: 60/089907	
3	PRIOR FILING DATE: 1998-06-18	
4	PRIOR APPLICATION NUMBER: 60/089908	
5	PRIOR FILING DATE: 1998-06-18	
6	PRIOR APPLICATION NUMBER: 60/089947	
7	PRIOR FILING DATE: 1998-06-19	
8	PRIOR APPLICATION NUMBER: 60/089948	
9	PRIOR FILING DATE: 1998-06-19	
10	PRIOR APPLICATION NUMBER: 60/089952	
11	PRIOR FILING DATE: 1998-06-19	
12	PRIOR APPLICATION NUMBER: 60/090246	
13	PRIOR FILING DATE: 1998-06-22	
14	PRIOR APPLICATION NUMBER: 60/090252	
15	PRIOR FILING DATE: 1998-06-22	
16	PRIOR APPLICATION NUMBER: 60/090254	
17	PRIOR FILING DATE: 1998-06-22	
18	PRIOR APPLICATION NUMBER: 60/090349	
19	PRIOR FILING DATE: 1998-06-23	
20	PRIOR APPLICATION NUMBER: 60/090355	
21	PRIOR FILING DATE: 1998-06-23	
22	PRIOR APPLICATION NUMBER: 60/090429	
23	PRIOR FILING DATE: 1998-06-24	
24	PRIOR APPLICATION NUMBER: 60/090431	
25	PRIOR FILING DATE: 1998-06-24	
26	PRIOR APPLICATION NUMBER: 60/090435	
27	PRIOR FILING DATE: 1998-06-24	
28	PRIOR APPLICATION NUMBER: 60/090444	
29	PRIOR FILING DATE: 1998-06-24	
30	PRIOR APPLICATION NUMBER: 60/090445	
31	PRIOR FILING DATE: 1998-06-24	
32	PRIOR APPLICATION NUMBER: 60/090472	
33	PRIOR FILING DATE: 1998-06-24	
34	PRIOR APPLICATION NUMBER: 60/090535	
35	PRIOR FILING DATE: 1998-06-24	
36	PRIOR APPLICATION NUMBER: 60/090540	
37	PRIOR FILING DATE: 1998-06-24	
38	PRIOR APPLICATION NUMBER: 60/090542	
39	PRIOR FILING DATE: 1998-06-24	
40	PRIOR APPLICATION NUMBER: 60/090557	
41	PRIOR FILING DATE: 1998-06-24	
42	PRIOR APPLICATION NUMBER: 60/090676	
43	PRIOR FILING DATE: 1998-08-25	
44	PRIOR APPLICATION NUMBER: 60/090678	
45	PRIOR FILING DATE: 1998-08-25	
46	PRIOR APPLICATION NUMBER: 60/090690	
47	PRIOR FILING DATE: 1998-08-25	
48	PRIOR APPLICATION NUMBER: 60/090694	
49	PRIOR FILING DATE: 1998-08-25	
50	PRIOR APPLICATION NUMBER: 60/090695	
51	PRIOR FILING DATE: 1998-08-25	
52	PRIOR APPLICATION NUMBER: 60/090696	
53	PRIOR FILING DATE: 1998-08-25	
54	PRIOR APPLICATION NUMBER: 60/090862	
55	PRIOR FILING DATE: 1998-06-26	
56	PRIOR APPLICATION NUMBER: 60/090863	
57	PRIOR FILING DATE: 1998-06-26	
58	PRIOR APPLICATION NUMBER: 60/091360	
59	PRIOR FILING DATE: 1998-07-01	
60	PRIOR APPLICATION NUMBER: 60/091478	
61	PRIOR FILING DATE: 1998-07-02	
62	PRIOR APPLICATION NUMBER: 60/091544	
63	PRIOR FILING DATE: 1998-07-01	
64	PRIOR APPLICATION NUMBER: 60/091519	
65	PRIOR FILING DATE: 1998-07-02	
66	PRIOR APPLICATION NUMBER: 60/091626	
67	PRIOR FILING DATE: 1998-07-02	
68	PRIOR APPLICATION NUMBER: 60/091633	
69	PRIOR FILING DATE: 1998-07-02	
70	PRIOR APPLICATION NUMBER: 60/091978	
71	PRIOR FILING DATE: 1998-07-07	
72	PRIOR APPLICATION NUMBER: 60/091982	
73	PRIOR FILING DATE: 1998-07-07	


```
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match      100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MACRCLSFLLMGTFFLSVSTQVLAQDALLVFPQVAQSLCTLSPOHVTIRDYGVSWYQOR 60
DB      1 MACRCLSFLLMGTFFLSVSTQVLAQDALLVFPQVAQSLCTLSPOHVTIRDYGVSWYQOR 60

QY      61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCVSGYG 120
DB      61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCVSGYG 120

QY      121 FSP 123
DB      121 FSP 123

RESULT 33
US-09-990-437-117
; Sequence 117, Application US/09990437
; Publication No. US20030045463A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC49
; CURRENT APPLICATION NUMBER: US/09/990,437
; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088028
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088030
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
```

```
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090252
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090254
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090355
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090535
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090540
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090542
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090676
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090678
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090690
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090694
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090696
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982

Query Match      100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-6; Mismatches 0; Indels 0; Gaps 0;
Matches 123; Conservative 0;

QY      1 MACRCLSLFLMGTFLSVSQTVAQLDALLVFPFGQVAQLSCTLSQPHVTIRDYGVSWYQOR 60
      |||
Db      1 MACRCLSLFLMGTFLSVSQTVAQLDALLVFPFGQVAQLSCTLSQPHVTIRDYGVSWYQOR 60
      |||

QY      61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAXDEAHNACVLITISVPQEDDADYVCVGYG 120
      |||
Db      61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAXDEAHNACVLITISVPQEDDADYVCVGYG 120
      |||

QY      121 FSP 123
      |||
Db      121 FSP 123

RESULT 34
US-09-991-157-117
; Sequence 117: Application US/09991157
; Publication No. US20030049638A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PlC51
; CURRENT APPLICATION NUMBER: US/09/991,157
; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
```



```
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match          100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRLSFLMGTSLVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRLSFLMGTSLVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSSEDDHRRPADIDRFSAAKDEAHNAACVLTISPVQEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSSEDDHRRPADIDRFSAAKDEAHNAACVLTISPVQEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 35
US-09-997-514-117
; Sequence 117, Application US/09997514
; Publication No. US20030049681A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaud, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PLC46
; CURRENT APPLICATION NUMBER: US/09/997,514
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088028
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088030
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
```

1	PRIOR APPLICATION NUMBER: 60/089653
2	PRIOR FILING DATE: 1998-06-17
3	PRIOR APPLICATION NUMBER: 60/089801
4	PRIOR FILING DATE: 1998-06-18
5	PRIOR APPLICATION NUMBER: 60/089907
6	PRIOR FILING DATE: 1998-06-18
7	PRIOR APPLICATION NUMBER: 60/089908
8	PRIOR FILING DATE: 1998-06-18
9	PRIOR APPLICATION NUMBER: 60/089947
10	PRIOR FILING DATE: 1998-06-19
11	PRIOR APPLICATION NUMBER: 60/089948
12	PRIOR FILING DATE: 1998-06-19
13	PRIOR APPLICATION NUMBER: 60/089952
14	PRIOR FILING DATE: 1998-06-19
15	PRIOR APPLICATION NUMBER: 60/090246
16	PRIOR FILING DATE: 1998-06-22
17	PRIOR APPLICATION NUMBER: 60/090252
18	PRIOR FILING DATE: 1998-06-22
19	PRIOR APPLICATION NUMBER: 60/090255
20	PRIOR FILING DATE: 1998-06-22
21	PRIOR APPLICATION NUMBER: 60/090349
22	PRIOR FILING DATE: 1998-06-23
23	PRIOR APPLICATION NUMBER: 60/090355
24	PRIOR FILING DATE: 1998-06-23
25	PRIOR APPLICATION NUMBER: 60/090429
26	PRIOR FILING DATE: 1998-06-24
27	PRIOR APPLICATION NUMBER: 60/090431
28	PRIOR FILING DATE: 1998-06-24
29	PRIOR APPLICATION NUMBER: 60/090435
30	PRIOR FILING DATE: 1998-06-24
31	PRIOR APPLICATION NUMBER: 60/090444
32	PRIOR FILING DATE: 1998-06-24
33	PRIOR APPLICATION NUMBER: 60/090445
34	PRIOR FILING DATE: 1998-06-24
35	PRIOR APPLICATION NUMBER: 60/090472
36	PRIOR FILING DATE: 1998-06-24
37	PRIOR APPLICATION NUMBER: 60/090535
38	PRIOR FILING DATE: 1998-06-24
39	PRIOR APPLICATION NUMBER: 60/090540
40	PRIOR FILING DATE: 1998-06-24
41	PRIOR APPLICATION NUMBER: 60/090542
42	PRIOR FILING DATE: 1998-06-24
43	PRIOR APPLICATION NUMBER: 60/090557
44	PRIOR FILING DATE: 1998-06-24
45	PRIOR APPLICATION NUMBER: 60/090676
46	PRIOR FILING DATE: 1998-06-25
47	PRIOR APPLICATION NUMBER: 60/090678
48	PRIOR FILING DATE: 1998-06-25
49	PRIOR APPLICATION NUMBER: 60/090690
50	PRIOR FILING DATE: 1998-06-25
51	PRIOR APPLICATION NUMBER: 60/090694
52	PRIOR FILING DATE: 1998-06-25
53	PRIOR APPLICATION NUMBER: 60/090695
54	PRIOR FILING DATE: 1998-06-25
55	PRIOR APPLICATION NUMBER: 60/090696
56	PRIOR FILING DATE: 1998-06-25
57	PRIOR APPLICATION NUMBER: 60/090862
58	PRIOR FILING DATE: 1998-06-26
59	PRIOR APPLICATION NUMBER: 60/090863
60	PRIOR FILING DATE: 1998-06-26
61	PRIOR APPLICATION NUMBER: 60/091360
62	PRIOR FILING DATE: 1998-07-01
63	PRIOR APPLICATION NUMBER: 60/091478
64	PRIOR FILING DATE: 1998-07-02
65	PRIOR APPLICATION NUMBER: 60/091544
66	PRIOR FILING DATE: 1998-07-01
67	PRIOR APPLICATION NUMBER: 60/091519
68	PRIOR FILING DATE: 1998-07-02
69	PRIOR APPLICATION NUMBER: 60/091626
70	PRIOR FILING DATE: 1998-07-02
71	PRIOR APPLICATION NUMBER: 60/091633
72	PRIOR FILING DATE: 1998-07-02
73	PRIOR APPLICATION NUMBER: 60/091978

; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

```
Query Match      100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

1	MACCLSFLMGTFLSVSQTVLAQLDALLVFGQVAQASCTLS	POHVTIRDYGVSWSYQOR	60
1	MACCLSFLMGTFLSVSQTVLAQLDALLVFGQVAQASCTLS	POHVTIRDYGVSWSYQOR	60
61	AGSAPVLLYYRSEEDHRRPADIEDFSAKDFAHNACVLTIS	SPQPEDDADYYCSVGYG	120
61	AGSAPVLLYYRSEEDHRRPADIEDFSAKDFAHNACVLTIS	SPQPEDDADYYCSVGYG	120

RESULT 36

```

RES-0011-30
US-09-997-573-117
; Sequence 117, Application US/09997573
; Publication No. US20030049682A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC45
; CURRENT APPLICATION NUMBER: US/09/997,573
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28

```

1	PRIOR FILING DATE:	1998-06-17
2	PRIOR APPLICATION NUMBER:	60/089553
3	PRIOR FILING DATE:	1998-06-17
4	PRIOR APPLICATION NUMBER:	60/089801
5	PRIOR FILING DATE:	1998-06-18
6	PRIOR APPLICATION NUMBER:	60/089907
7	PRIOR FILING DATE:	1998-06-18
8	PRIOR APPLICATION NUMBER:	60/089908
9	PRIOR FILING DATE:	1998-06-18
10	PRIOR APPLICATION NUMBER:	60/089947
11	PRIOR FILING DATE:	1998-06-19
12	PRIOR APPLICATION NUMBER:	60/089948
13	PRIOR FILING DATE:	1998-06-19
14	PRIOR APPLICATION NUMBER:	60/089952
15	PRIOR FILING DATE:	1998-06-19
16	PRIOR APPLICATION NUMBER:	60/090246
17	PRIOR FILING DATE:	1998-06-22
18	PRIOR APPLICATION NUMBER:	60/090252
19	PRIOR FILING DATE:	1998-06-22
20	PRIOR APPLICATION NUMBER:	60/090254
21	PRIOR FILING DATE:	1998-06-22
22	PRIOR APPLICATION NUMBER:	60/090349
23	PRIOR FILING DATE:	1998-06-23
24	PRIOR APPLICATION NUMBER:	60/090355
25	PRIOR FILING DATE:	1998-06-23
26	PRIOR APPLICATION NUMBER:	60/090429
27	PRIOR FILING DATE:	1998-06-24
28	PRIOR APPLICATION NUMBER:	60/090431
29	PRIOR FILING DATE:	1998-06-24
30	PRIOR APPLICATION NUMBER:	60/090435
31	PRIOR FILING DATE:	1998-06-24
32	PRIOR APPLICATION NUMBER:	60/090444
33	PRIOR FILING DATE:	1998-06-24
34	PRIOR APPLICATION NUMBER:	60/090445
35	PRIOR FILING DATE:	1998-06-24
36	PRIOR APPLICATION NUMBER:	60/090472
37	PRIOR FILING DATE:	1998-06-24
38	PRIOR APPLICATION NUMBER:	60/090535
39	PRIOR FILING DATE:	1998-06-24
40	PRIOR APPLICATION NUMBER:	60/090540
41	PRIOR FILING DATE:	1998-06-24
42	PRIOR APPLICATION NUMBER:	60/090542
43	PRIOR FILING DATE:	1998-06-24
44	PRIOR APPLICATION NUMBER:	60/090557
45	PRIOR FILING DATE:	1998-06-24
46	PRIOR APPLICATION NUMBER:	60/090676
47	PRIOR FILING DATE:	1998-06-25
48	PRIOR APPLICATION NUMBER:	60/090678
49	PRIOR FILING DATE:	1998-06-25
50	PRIOR APPLICATION NUMBER:	60/090690
51	PRIOR FILING DATE:	1998-06-25
52	PRIOR APPLICATION NUMBER:	60/090694
53	PRIOR FILING DATE:	1998-06-25
54	PRIOR APPLICATION NUMBER:	60/090695
55	PRIOR FILING DATE:	1998-06-25
56	PRIOR APPLICATION NUMBER:	60/090696
57	PRIOR FILING DATE:	1998-06-25
58	PRIOR APPLICATION NUMBER:	60/090862
59	PRIOR FILING DATE:	1998-06-26
60	PRIOR APPLICATION NUMBER:	60/090863
61	PRIOR FILING DATE:	1998-06-26
62	PRIOR APPLICATION NUMBER:	60/091360
63	PRIOR FILING DATE:	1998-07-01
64	PRIOR APPLICATION NUMBER:	60/091478
65	PRIOR FILING DATE:	1998-07-02
66	PRIOR APPLICATION NUMBER:	60/091544
67	PRIOR FILING DATE:	1998-07-01
68	PRIOR APPLICATION NUMBER:	60/091519
69	PRIOR FILING DATE:	1998-07-02
70	PRIOR APPLICATION NUMBER:	60/091626
71	PRIOR FILING DATE:	1998-07-02
72	PRIOR APPLICATION NUMBER:	60/091633
73	PRIOR FILING DATE:	1998-07-02

```
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match      100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MACRCLSFLMGTFLSVSTVLAQLDALLVFGQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
      |||
Db      1 MACRCLSFLMGTFLSVSTVLAQLDALLVFGQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
      |||

QY      61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYCVSVGYG 120
      |||
Db      61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYCVSVGYG 120
      |||

QY      121 FSP 123
      |||
Db      121 FSP 123
      |||

RESULT 37
US-09-991-172-117
; Sequence 117, Application US/09991172
; Publication No. US20030050457A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C50
; CURRENT APPLICATION NUMBER: US/09/991.172
; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088028
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088030
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-15
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
```

; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090252
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090254
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090355
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090535
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090540
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090542
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090676
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090678
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090690
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090694
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090696
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633

; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09
Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVSQTFLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
|||||
Db 1 MACRCLSFLLMGTFLSVSQTFLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
|||||
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYCSVGYG 120
|||||
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYCSVGYG 120
|||||
QY 121 RSP 123
|||||
Db 121 RSP 123
|||||
RESULT 38
US-09-990-726-117
; Sequence 117; Application US/09990726
; Publication No. US20030054359A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P273091C16
; CURRENT APPLICATION NUMBER: US/09/990,726
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER:	60/083322
PRIOR FILING DATE:	1998-04-28
PRIOR APPLICATION NUMBER:	60/084600
PRIOR FILING DATE:	1998-05-07
PRIOR APPLICATION NUMBER:	60/087106
PRIOR FILING DATE:	1998-05-28
PRIOR APPLICATION NUMBER:	60/087607
PRIOR FILING DATE:	1998-06-02
PRIOR APPLICATION NUMBER:	60/087609
PRIOR FILING DATE:	1998-06-02
PRIOR APPLICATION NUMBER:	60/087759
PRIOR FILING DATE:	1998-06-02
PRIOR APPLICATION NUMBER:	60/087827
PRIOR FILING DATE:	1998-06-03
PRIOR APPLICATION NUMBER:	60/088021
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088025
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088022
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088028
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088029
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088030
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088033
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088326
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088167
PRIOR FILING DATE:	1998-06-05
PRIOR APPLICATION NUMBER:	60/088202
PRIOR FILING DATE:	1998-06-05
PRIOR APPLICATION NUMBER:	60/088212
PRIOR FILING DATE:	1998-06-05
PRIOR APPLICATION NUMBER:	60/088217
PRIOR FILING DATE:	1998-06-05
PRIOR APPLICATION NUMBER:	60/088655
PRIOR FILING DATE:	1998-06-09
PRIOR APPLICATION NUMBER:	60/088734
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088738
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088742
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088810
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088824
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088826
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088858
PRIOR FILING DATE:	1998-06-11
PRIOR APPLICATION NUMBER:	60/088961
PRIOR FILING DATE:	1998-06-11
PRIOR APPLICATION NUMBER:	60/088976
PRIOR FILING DATE:	1998-06-11
PRIOR APPLICATION NUMBER:	60/089105
PRIOR FILING DATE:	1998-06-12
PRIOR APPLICATION NUMBER:	60/089440
PRIOR FILING DATE:	1998-06-16
PRIOR APPLICATION NUMBER:	60/089512
PRIOR FILING DATE:	1998-06-16
PRIOR APPLICATION NUMBER:	60/089514
PRIOR FILING DATE:	1998-06-16
PRIOR APPLICATION NUMBER:	60/089532
PRIOR FILING DATE:	1998-06-17
PRIOR APPLICATION NUMBER:	60/089538
PRIOR FILING DATE:	1998-06-17
PRIOR APPLICATION NUMBER:	60/089598
PRIOR FILING DATE:	1998-06-17
PRIOR APPLICATION NUMBER:	60/089599
PRIOR FILING DATE:	1998-06-17

/ PRIOR APPLICATION NUMBER: 60/091633
 / PRIOR FILING DATE: 1998-07-02
 / PRIOR APPLICATION NUMBER: 60/091978
 / PRIOR FILING DATE: 1998-07-07
 / PRIOR APPLICATION NUMBER: 60/091982
 / PRIOR FILING DATE: 1998-07-07
 / PRIOR APPLICATION NUMBER: 60/092182
 / PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSFLLMGTFLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYRSEDDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYRSEDDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120

QY 121 FSP 123

DB 121 FSP 123

RESULT 39

US-09-997-559-117

/ Sequence 117, Application US/09997559

/ Publication No. US2003005403A1

/ GENERAL INFORMATION:

/ APPLICANT: Ashkenazi, Avi J.
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Botstein, David
 / APPLICANT: Desnovers, Luc
 / APPLICANT: Eaton, Dan L.
 / APPLICANT: Ferrara, Napoleone
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gerber, Hanspeter
 / APPLICANT: Gerritsen, Mary E.
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, J. Christopher
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Kljavin, Ivar J.
 / APPLICANT: Napier, Mary A.
 / APPLICANT: Pan, James
 / APPLICANT: Paoni, Nicholas F.
 / APPLICANT: Roy, Margaret Ann
 / APPLICANT: Stewart, Timothy A.
 / APPLICANT: Tumas, Daniel
 / APPLICANT: Watanabe, Colin K.
 / APPLICANT: Williams, P. Mickey
 / APPLICANT: Wood, William I.
 / APPLICANT: Zhang, Zemin
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / TITLE OF INVENTION: Acids Encoding the Same
 / FILE REFERENCE: P2730FIC40
 / CURRENT APPLICATION NUMBER: US/09/997,559
 / CURRENT FILING DATE: 2001-11-15
 / PRIOR APPLICATION NUMBER: 60/049787
 / PRIOR FILING DATE: 1997-06-16
 / PRIOR APPLICATION NUMBER: 60/062250
 / PRIOR FILING DATE: 1997-10-17
 / PRIOR APPLICATION NUMBER: 60/065186
 / PRIOR FILING DATE: 1997-11-12
 / PRIOR APPLICATION NUMBER: 60/065311
 / PRIOR FILING DATE: 1997-11-13
 / PRIOR APPLICATION NUMBER: 60/066770
 / PRIOR FILING DATE: 1997-11-24
 / PRIOR APPLICATION NUMBER: 60/075945
 / PRIOR FILING DATE: 1998-02-25
 / PRIOR APPLICATION NUMBER: 60/078910

/ PRIOR FILING DATE: 1998-03-20
 / PRIOR APPLICATION NUMBER: 60/083322
 / PRIOR FILING DATE: 1998-04-28
 / PRIOR APPLICATION NUMBER: 60/084600
 / PRIOR FILING DATE: 1998-05-07
 / PRIOR APPLICATION NUMBER: 60/087106
 / PRIOR FILING DATE: 1998-05-28
 / PRIOR APPLICATION NUMBER: 60/087607
 / PRIOR FILING DATE: 1998-06-02
 / PRIOR APPLICATION NUMBER: 60/087609
 / PRIOR FILING DATE: 1998-06-02
 / PRIOR APPLICATION NUMBER: 60/087759
 / PRIOR FILING DATE: 1998-06-02
 / PRIOR APPLICATION NUMBER: 60/087827
 / PRIOR FILING DATE: 1998-06-03
 / PRIOR APPLICATION NUMBER: 60/088021
 / PRIOR FILING DATE: 1998-06-04
 / PRIOR APPLICATION NUMBER: 60/088025
 / PRIOR FILING DATE: 1998-06-04
 / PRIOR APPLICATION NUMBER: 60/088026
 / PRIOR FILING DATE: 1998-06-04
 / PRIOR APPLICATION NUMBER: 60/088028
 / PRIOR FILING DATE: 1998-06-04
 / PRIOR APPLICATION NUMBER: 60/088029
 / PRIOR FILING DATE: 1998-06-04
 / PRIOR APPLICATION NUMBER: 60/088030
 / PRIOR FILING DATE: 1998-06-04
 / PRIOR APPLICATION NUMBER: 60/088033
 / PRIOR FILING DATE: 1998-06-04
 / PRIOR APPLICATION NUMBER: 60/088326
 / PRIOR FILING DATE: 1998-06-04
 / PRIOR APPLICATION NUMBER: 60/088167
 / PRIOR FILING DATE: 1998-06-05
 / PRIOR APPLICATION NUMBER: 60/088202
 / PRIOR FILING DATE: 1998-06-05
 / PRIOR APPLICATION NUMBER: 60/088212
 / PRIOR FILING DATE: 1998-06-05
 / PRIOR APPLICATION NUMBER: 60/088217
 / PRIOR FILING DATE: 1998-06-05
 / PRIOR APPLICATION NUMBER: 60/088655
 / PRIOR FILING DATE: 1998-06-09
 / PRIOR APPLICATION NUMBER: 60/088734
 / PRIOR FILING DATE: 1998-06-10
 / PRIOR APPLICATION NUMBER: 60/088738
 / PRIOR FILING DATE: 1998-06-10
 / PRIOR APPLICATION NUMBER: 60/088742
 / PRIOR FILING DATE: 1998-06-10
 / PRIOR APPLICATION NUMBER: 60/088810
 / PRIOR FILING DATE: 1998-06-10
 / PRIOR APPLICATION NUMBER: 60/088824
 / PRIOR FILING DATE: 1998-06-10
 / PRIOR APPLICATION NUMBER: 60/088826
 / PRIOR FILING DATE: 1998-06-10
 / PRIOR APPLICATION NUMBER: 60/088858
 / PRIOR FILING DATE: 1998-06-11
 / PRIOR APPLICATION NUMBER: 60/088861
 / PRIOR FILING DATE: 1998-06-11
 / PRIOR APPLICATION NUMBER: 60/088876
 / PRIOR FILING DATE: 1998-06-11
 / PRIOR APPLICATION NUMBER: 60/089105
 / PRIOR FILING DATE: 1998-06-12
 / PRIOR APPLICATION NUMBER: 60/089440
 / PRIOR FILING DATE: 1998-06-16
 / PRIOR APPLICATION NUMBER: 60/089512
 / PRIOR FILING DATE: 1998-06-16
 / PRIOR APPLICATION NUMBER: 60/089514
 / PRIOR FILING DATE: 1998-06-16
 / PRIOR APPLICATION NUMBER: 60/089532
 / PRIOR FILING DATE: 1998-06-17
 / PRIOR APPLICATION NUMBER: 60/089538
 / PRIOR FILING DATE: 1998-06-17
 / PRIOR APPLICATION NUMBER: 60/089598
 / PRIOR FILING DATE: 1998-06-17

```

; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match      100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLIMGTFLSVSTVLQAQLDALLVFPQVACLSCITLSPQHVITRDYGVSWYQQR 60
Db 1 MACRCLSFLIMGTFLSVSTVLQAQLDALLVFPQVACLSCITLSPQHVITRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDAHNACVLTISPVPEDDADYICSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDAHNACVLTISPVPEDDADYICSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 40
US-09-297-601-117
; Sequence 117, Application US/09997601
; Publication No. US20030054404A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C36
; CURRENT APPLICATION NUMBER: US/09/997,601
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25

```

7	PRIOR FILING DATE: 1998-06-17	
7	PRIOR APPLICATION NUMBER: 60/089599	
7	PRIOR FILING DATE: 1998-06-17	
7	PRIOR APPLICATION NUMBER: 60/089600	
7	PRIOR FILING DATE: 1998-06-17	
7	PRIOR APPLICATION NUMBER: 60/089653	
7	PRIOR FILING DATE: 1998-06-17	
7	PRIOR APPLICATION NUMBER: 60/089801	
7	PRIOR FILING DATE: 1998-06-18	
7	PRIOR APPLICATION NUMBER: 60/089907	
7	PRIOR FILING DATE: 1998-06-18	
7	PRIOR APPLICATION NUMBER: 60/089908	
7	PRIOR FILING DATE: 1998-06-18	
7	PRIOR APPLICATION NUMBER: 60/089947	
7	PRIOR FILING DATE: 1998-06-19	
7	PRIOR APPLICATION NUMBER: 60/089948	
7	PRIOR FILING DATE: 1998-06-19	
7	PRIOR APPLICATION NUMBER: 60/089952	
7	PRIOR FILING DATE: 1998-06-19	
7	PRIOR APPLICATION NUMBER: 60/090246	
7	PRIOR FILING DATE: 1998-06-22	
7	PRIOR APPLICATION NUMBER: 60/090252	
7	PRIOR FILING DATE: 1998-06-22	
7	PRIOR APPLICATION NUMBER: 60/090254	
7	PRIOR FILING DATE: 1998-06-22	
7	PRIOR APPLICATION NUMBER: 60/090349	
7	PRIOR FILING DATE: 1998-06-23	
7	PRIOR APPLICATION NUMBER: 60/090355	
7	PRIOR FILING DATE: 1998-06-23	
7	PRIOR APPLICATION NUMBER: 60/090429	
7	PRIOR FILING DATE: 1998-06-24	
7	PRIOR APPLICATION NUMBER: 60/090431	
7	PRIOR FILING DATE: 1998-06-24	
7	PRIOR APPLICATION NUMBER: 60/090435	
7	PRIOR FILING DATE: 1998-06-24	
7	PRIOR APPLICATION NUMBER: 60/090444	
7	PRIOR FILING DATE: 1998-06-24	
7	PRIOR APPLICATION NUMBER: 60/090445	
7	PRIOR FILING DATE: 1998-06-24	
7	PRIOR APPLICATION NUMBER: 60/090472	
7	PRIOR FILING DATE: 1998-06-24	
7	PRIOR APPLICATION NUMBER: 60/090535	
7	PRIOR FILING DATE: 1998-06-24	
7	PRIOR APPLICATION NUMBER: 60/090540	
7	PRIOR FILING DATE: 1998-06-24	
7	PRIOR APPLICATION NUMBER: 60/090542	
7	PRIOR FILING DATE: 1998-06-24	
7	PRIOR APPLICATION NUMBER: 60/090557	
7	PRIOR FILING DATE: 1998-06-24	
7	PRIOR APPLICATION NUMBER: 60/090676	
7	PRIOR FILING DATE: 1998-06-25	
7	PRIOR APPLICATION NUMBER: 60/090695	
7	PRIOR FILING DATE: 1998-06-25	
7	PRIOR APPLICATION NUMBER: 60/090696	
7	PRIOR FILING DATE: 1998-06-25	
7	PRIOR APPLICATION NUMBER: 60/090690	
7	PRIOR FILING DATE: 1998-06-25	
7	PRIOR APPLICATION NUMBER: 60/090694	
7	PRIOR FILING DATE: 1998-06-25	
7	PRIOR APPLICATION NUMBER: 60/090695	
7	PRIOR FILING DATE: 1998-06-25	
7	PRIOR APPLICATION NUMBER: 60/090696	
7	PRIOR FILING DATE: 1998-06-25	
7	PRIOR APPLICATION NUMBER: 60/090862	
7	PRIOR FILING DATE: 1998-06-26	
7	PRIOR APPLICATION NUMBER: 60/090863	
7	PRIOR FILING DATE: 1998-06-26	
7	PRIOR APPLICATION NUMBER: 60/091360	
7	PRIOR FILING DATE: 1998-07-01	
7	PRIOR APPLICATION NUMBER: 60/091478	
7	PRIOR FILING DATE: 1998-07-02	
7	PRIOR APPLICATION NUMBER: 60/091544	
7	PRIOR FILING DATE: 1998-07-01	
7	PRIOR APPLICATION NUMBER: 60/091519	
7	PRIOR FILING DATE: 1998-07-02	

; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091678
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLIMGTFLSVSOTVLAQLDALLVFFGQVAQLSCTLSPOGHVIRIDYGVSWYQQR 60
|||
Db 1 MACRCLSFLIMGTFLSVSOTVLAQLDALLVFFGQVAQLSCTLSPOGHVIRIDYGVSWYQQR 60
|||

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNAACVLTISPVQPEDDADYVCSVG 120
|||
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNAACVLTISPVQPEDDADYVCSVG 120
|||

QY 121 FSP 123
|||
Db 121 FSP 123
|||

RESULT 41
US-09-990-443-117
; Sequence 117, Application US/09990443
; Publication No. US20030054987A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C12
; CURRENT APPLICATION NUMBER: US/09/990,443
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088028
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088030
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17

1	PRIOR APPLICATION NUMBER: 60/089599
2	PRIOR FILING DATE: 1998-06-17
3	PRIOR APPLICATION NUMBER: 60/089599
4	PRIOR FILING DATE: 1998-06-17
5	PRIOR APPLICATION NUMBER: 60/089600
6	PRIOR FILING DATE: 1998-06-17
7	PRIOR APPLICATION NUMBER: 60/089653
8	PRIOR FILING DATE: 1998-06-17
9	PRIOR APPLICATION NUMBER: 60/089801
10	PRIOR FILING DATE: 1998-06-18
11	PRIOR APPLICATION NUMBER: 60/089907
12	PRIOR FILING DATE: 1998-06-18
13	PRIOR APPLICATION NUMBER: 60/089908
14	PRIOR FILING DATE: 1998-06-18
15	PRIOR APPLICATION NUMBER: 60/089947
16	PRIOR FILING DATE: 1998-06-19
17	PRIOR APPLICATION NUMBER: 60/089948
18	PRIOR FILING DATE: 1998-06-19
19	PRIOR APPLICATION NUMBER: 60/089952
20	PRIOR FILING DATE: 1998-06-19
21	PRIOR APPLICATION NUMBER: 60/090246
22	PRIOR FILING DATE: 1998-06-22
23	PRIOR APPLICATION NUMBER: 60/090252
24	PRIOR FILING DATE: 1998-06-22
25	PRIOR APPLICATION NUMBER: 60/090254
26	PRIOR FILING DATE: 1998-06-22
27	PRIOR APPLICATION NUMBER: 60/090349
28	PRIOR FILING DATE: 1998-06-23
29	PRIOR APPLICATION NUMBER: 60/090355
30	PRIOR FILING DATE: 1998-06-23
31	PRIOR APPLICATION NUMBER: 60/090429
32	PRIOR FILING DATE: 1998-06-24
33	PRIOR APPLICATION NUMBER: 60/090431
34	PRIOR FILING DATE: 1998-06-24
35	PRIOR APPLICATION NUMBER: 60/090435
36	PRIOR FILING DATE: 1998-06-24
37	PRIOR APPLICATION NUMBER: 60/090444
38	PRIOR FILING DATE: 1998-06-24
39	PRIOR APPLICATION NUMBER: 60/090445
40	PRIOR FILING DATE: 1998-06-24
41	PRIOR APPLICATION NUMBER: 60/090472
42	PRIOR FILING DATE: 1998-06-24
43	PRIOR APPLICATION NUMBER: 60/090535
44	PRIOR FILING DATE: 1998-06-24
45	PRIOR APPLICATION NUMBER: 60/090540
46	PRIOR FILING DATE: 1998-06-24
47	PRIOR APPLICATION NUMBER: 60/090542
48	PRIOR FILING DATE: 1998-06-24
49	PRIOR APPLICATION NUMBER: 60/090557
50	PRIOR FILING DATE: 1998-06-24
51	PRIOR APPLICATION NUMBER: 60/090676
52	PRIOR FILING DATE: 1998-06-25
53	PRIOR APPLICATION NUMBER: 60/090678
54	PRIOR FILING DATE: 1998-06-25
55	PRIOR APPLICATION NUMBER: 60/090690
56	PRIOR FILING DATE: 1998-06-25
57	PRIOR APPLICATION NUMBER: 60/090694
58	PRIOR FILING DATE: 1998-06-25
59	PRIOR APPLICATION NUMBER: 60/090695
60	PRIOR FILING DATE: 1998-06-25
61	PRIOR APPLICATION NUMBER: 60/090696
62	PRIOR FILING DATE: 1998-06-25
63	PRIOR APPLICATION NUMBER: 60/090862
64	PRIOR FILING DATE: 1998-06-26
65	PRIOR APPLICATION NUMBER: 60/090863
66	PRIOR FILING DATE: 1998-06-26
67	PRIOR APPLICATION NUMBER: 60/091360
68	PRIOR FILING DATE: 1998-07-01
69	PRIOR APPLICATION NUMBER: 60/091478
70	PRIOR FILING DATE: 1998-07-02
71	PRIOR APPLICATION NUMBER: 60/091544
72	PRIOR FILING DATE: 1998-07-01
73	PRIOR APPLICATION NUMBER: 60/091519

```

; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match          100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0

Qy      1  MACRCLSFLLLMGTFLLSVSQTVLAQLDALLVFPQCVLAQLSCTLSPQHVTIRDYGVSWYQQR 60
Db      1  MACRCLSFLLLMGTFLLSVSQTVLAQLDALLVFPQCVLAQLSCTLSPQHVTIRDYGVSWYQQR 60

Qy      61  AGSAPRYLLYRSEDDHRRPADIPDRFSAAKDBAHNACVLTITSPQPEDADADYGVSVGYG 120
Db      61  AGSAPRYLLYRSEDDHRRPADIPDRFSAAKDBAHNACVLTITSPQPEDADADYGVSVGYG 120

Qy      121  FSP 123
Db      121  FSP 123

RESULT 42
US-09-991-854-117
; Sequence 117, Application US/09991854
; Publication No. US20030059780A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C24
; CURRENT APPLICATION NUMBER: US/09/991,854
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24

```

1	PRIOR APPLICATION NUMBER: 60/075945	1	PRIOR FILING DATE: 1998-06-17
2	PRIOR FILING DATE: 1998-02-25	2	PRIOR APPLICATION NUMBER: 60/089598
3	PRIOR APPLICATION NUMBER: 60/078910	3	PRIOR FILING DATE: 1998-06-17
4	PRIOR FILING DATE: 1998-03-20	4	PRIOR APPLICATION NUMBER: 60/089599
5	PRIOR APPLICATION NUMBER: 60/083322	5	PRIOR FILING DATE: 1998-06-17
6	PRIOR FILING DATE: 1998-04-28	6	PRIOR APPLICATION NUMBER: 60/089600
7	PRIOR APPLICATION NUMBER: 60/084600	7	PRIOR FILING DATE: 1998-06-17
8	PRIOR FILING DATE: 1998-05-07	8	PRIOR APPLICATION NUMBER: 60/089653
9	PRIOR APPLICATION NUMBER: 60/087106	9	PRIOR FILING DATE: 1998-06-17
10	PRIOR FILING DATE: 1998-05-28	10	PRIOR APPLICATION NUMBER: 60/089801
11	PRIOR APPLICATION NUMBER: 60/087607	11	PRIOR FILING DATE: 1998-06-18
12	PRIOR FILING DATE: 1998-06-02	12	PRIOR APPLICATION NUMBER: 60/089907
13	PRIOR APPLICATION NUMBER: 60/087609	13	PRIOR FILING DATE: 1998-06-18
14	PRIOR FILING DATE: 1998-06-02	14	PRIOR APPLICATION NUMBER: 60/089908
15	PRIOR APPLICATION NUMBER: 60/087759	15	PRIOR FILING DATE: 1998-06-18
16	PRIOR FILING DATE: 1998-06-02	16	PRIOR APPLICATION NUMBER: 60/089947
17	PRIOR APPLICATION NUMBER: 60/087827	17	PRIOR FILING DATE: 1998-06-19
18	PRIOR FILING DATE: 1998-06-03	18	PRIOR APPLICATION NUMBER: 60/089948
19	PRIOR APPLICATION NUMBER: 60/088021	19	PRIOR FILING DATE: 1998-06-19
20	PRIOR FILING DATE: 1998-06-04	20	PRIOR APPLICATION NUMBER: 60/089952
21	PRIOR APPLICATION NUMBER: 60/088025	21	PRIOR FILING DATE: 1998-06-19
22	PRIOR FILING DATE: 1998-06-04	22	PRIOR APPLICATION NUMBER: 60/090246
23	PRIOR APPLICATION NUMBER: 60/088026	23	PRIOR FILING DATE: 1998-06-22
24	PRIOR FILING DATE: 1998-06-04	24	PRIOR APPLICATION NUMBER: 60/090252
25	PRIOR APPLICATION NUMBER: 60/088028	25	PRIOR FILING DATE: 1998-06-22
26	PRIOR FILING DATE: 1998-06-04	26	PRIOR APPLICATION NUMBER: 60/090254
27	PRIOR APPLICATION NUMBER: 60/088029	27	PRIOR FILING DATE: 1998-06-22
28	PRIOR FILING DATE: 1998-06-04	28	PRIOR APPLICATION NUMBER: 60/090349
29	PRIOR APPLICATION NUMBER: 60/088030	29	PRIOR FILING DATE: 1998-06-23
30	PRIOR FILING DATE: 1998-06-04	30	PRIOR APPLICATION NUMBER: 60/090355
31	PRIOR APPLICATION NUMBER: 60/088033	31	PRIOR FILING DATE: 1998-06-23
32	PRIOR FILING DATE: 1998-06-04	32	PRIOR APPLICATION NUMBER: 60/090429
33	PRIOR APPLICATION NUMBER: 60/088326	33	PRIOR FILING DATE: 1998-06-24
34	PRIOR FILING DATE: 1998-06-04	34	PRIOR APPLICATION NUMBER: 60/090431
35	PRIOR APPLICATION NUMBER: 60/088167	35	PRIOR FILING DATE: 1998-06-24
36	PRIOR FILING DATE: 1998-06-05	36	PRIOR APPLICATION NUMBER: 60/090435
37	PRIOR APPLICATION NUMBER: 60/088202	37	PRIOR FILING DATE: 1998-06-24
38	PRIOR FILING DATE: 1998-06-05	38	PRIOR APPLICATION NUMBER: 60/090444
39	PRIOR APPLICATION NUMBER: 60/088212	39	PRIOR FILING DATE: 1998-06-24
40	PRIOR FILING DATE: 1998-06-05	40	PRIOR APPLICATION NUMBER: 60/090445
41	PRIOR APPLICATION NUMBER: 60/088217	41	PRIOR FILING DATE: 1998-06-24
42	PRIOR FILING DATE: 1998-06-05	42	PRIOR APPLICATION NUMBER: 60/090472
43	PRIOR APPLICATION NUMBER: 60/088655	43	PRIOR FILING DATE: 1998-06-24
44	PRIOR FILING DATE: 1998-06-09	44	PRIOR APPLICATION NUMBER: 60/090535
45	PRIOR APPLICATION NUMBER: 60/088734	45	PRIOR FILING DATE: 1998-06-24
46	PRIOR FILING DATE: 1998-06-10	46	PRIOR APPLICATION NUMBER: 60/090540
47	PRIOR APPLICATION NUMBER: 60/088738	47	PRIOR FILING DATE: 1998-06-24
48	PRIOR FILING DATE: 1998-06-10	48	PRIOR APPLICATION NUMBER: 60/090542
49	PRIOR APPLICATION NUMBER: 60/088742	49	PRIOR FILING DATE: 1998-06-24
50	PRIOR FILING DATE: 1998-06-10	50	PRIOR APPLICATION NUMBER: 60/090557
51	PRIOR APPLICATION NUMBER: 60/088810	51	PRIOR FILING DATE: 1998-06-24
52	PRIOR FILING DATE: 1998-06-10	52	PRIOR APPLICATION NUMBER: 60/090676
53	PRIOR APPLICATION NUMBER: 60/088824	53	PRIOR FILING DATE: 1998-06-25
54	PRIOR FILING DATE: 1998-06-10	54	PRIOR APPLICATION NUMBER: 60/090678
55	PRIOR APPLICATION NUMBER: 60/088826	55	PRIOR FILING DATE: 1998-06-25
56	PRIOR FILING DATE: 1998-06-10	56	PRIOR APPLICATION NUMBER: 60/090690
57	PRIOR APPLICATION NUMBER: 60/088858	57	PRIOR FILING DATE: 1998-06-25
58	PRIOR FILING DATE: 1998-06-11	58	PRIOR APPLICATION NUMBER: 60/090694
59	PRIOR APPLICATION NUMBER: 60/088861	59	PRIOR FILING DATE: 1998-06-25
60	PRIOR FILING DATE: 1998-06-11	60	PRIOR APPLICATION NUMBER: 60/090695
61	PRIOR APPLICATION NUMBER: 60/088876	61	PRIOR FILING DATE: 1998-06-25
62	PRIOR FILING DATE: 1998-06-11	62	PRIOR APPLICATION NUMBER: 60/090696
63	PRIOR APPLICATION NUMBER: 60/089105	63	PRIOR FILING DATE: 1998-06-25
64	PRIOR FILING DATE: 1998-06-12	64	PRIOR APPLICATION NUMBER: 60/090862
65	PRIOR APPLICATION NUMBER: 60/089440	65	PRIOR FILING DATE: 1998-06-26
66	PRIOR FILING DATE: 1998-06-16	66	PRIOR APPLICATION NUMBER: 60/090863
67	PRIOR APPLICATION NUMBER: 60/089512	67	PRIOR FILING DATE: 1998-06-26
68	PRIOR FILING DATE: 199		

```

; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match          100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVTSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQOR 60
   |||||
Db 1 MACRCLSFLLMGTFLSVTSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQOR 60
   |||||

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYYCSVGYG 120
   |||||
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYYCSVGYG 120
   |||||

QY 121 FSP 123
   |||
Db 121 FSP 123
   |||

RESULT 43
US-09-997-628-117
; Sequence 117, Application US/09997628
; Publication No. US20030059782A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C30
; CURRENT APPLICATION NUMBER: US/09/997,628
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088028
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088030
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17

```


1	PRIOR APPLICATION NUMBER: 60/0895383
2	PRIOR FILING DATE: 1998-06-17
3	PRIOR APPLICATION NUMBER: 60/089598
4	PRIOR FILING DATE: 1998-06-17
5	PRIOR APPLICATION NUMBER: 60/089599
6	PRIOR FILING DATE: 1998-06-17
7	PRIOR APPLICATION NUMBER: 60/089600
8	PRIOR FILING DATE: 1998-06-17
9	PRIOR APPLICATION NUMBER: 60/089653
10	PRIOR FILING DATE: 1998-06-17
11	PRIOR APPLICATION NUMBER: 60/089801
12	PRIOR FILING DATE: 1998-06-18
13	PRIOR APPLICATION NUMBER: 60/089907
14	PRIOR FILING DATE: 1998-06-18
15	PRIOR APPLICATION NUMBER: 60/089908
16	PRIOR FILING DATE: 1998-06-18
17	PRIOR APPLICATION NUMBER: 60/089947
18	PRIOR FILING DATE: 1998-06-19
19	PRIOR APPLICATION NUMBER: 60/089948
20	PRIOR FILING DATE: 1998-06-19
21	PRIOR APPLICATION NUMBER: 60/089952
22	PRIOR FILING DATE: 1998-06-19
23	PRIOR APPLICATION NUMBER: 60/090246
24	PRIOR FILING DATE: 1998-06-22
25	PRIOR APPLICATION NUMBER: 60/090252
26	PRIOR FILING DATE: 1998-06-22
27	PRIOR APPLICATION NUMBER: 60/090254
28	PRIOR FILING DATE: 1998-06-22
29	PRIOR APPLICATION NUMBER: 60/090349
30	PRIOR FILING DATE: 1998-06-23
31	PRIOR APPLICATION NUMBER: 60/090355
32	PRIOR FILING DATE: 1998-06-23
33	PRIOR APPLICATION NUMBER: 60/090429
34	PRIOR FILING DATE: 1998-06-24
35	PRIOR APPLICATION NUMBER: 60/090431
36	PRIOR FILING DATE: 1998-06-24
37	PRIOR APPLICATION NUMBER: 60/090435
38	PRIOR FILING DATE: 1998-06-24
39	PRIOR APPLICATION NUMBER: 60/090444
40	PRIOR FILING DATE: 1998-06-24
41	PRIOR APPLICATION NUMBER: 60/090445
42	PRIOR FILING DATE: 1998-06-24
43	PRIOR APPLICATION NUMBER: 60/090472
44	PRIOR FILING DATE: 1998-06-24
45	PRIOR APPLICATION NUMBER: 60/090535
46	PRIOR FILING DATE: 1998-06-24
47	PRIOR APPLICATION NUMBER: 60/090540
48	PRIOR FILING DATE: 1998-06-24
49	PRIOR APPLICATION NUMBER: 60/090542
50	PRIOR FILING DATE: 1998-06-24
51	PRIOR APPLICATION NUMBER: 60/090557
52	PRIOR FILING DATE: 1998-06-24
53	PRIOR APPLICATION NUMBER: 60/090676
54	PRIOR FILING DATE: 1998-06-25
55	PRIOR APPLICATION NUMBER: 60/090678
56	PRIOR FILING DATE: 1998-06-25
57	PRIOR APPLICATION NUMBER: 60/090690
58	PRIOR FILING DATE: 1998-06-25
59	PRIOR APPLICATION NUMBER: 60/090694
60	PRIOR FILING DATE: 1998-06-25
61	PRIOR APPLICATION NUMBER: 60/090695
62	PRIOR FILING DATE: 1998-06-25
63	PRIOR APPLICATION NUMBER: 60/090696
64	PRIOR FILING DATE: 1998-06-25
65	PRIOR APPLICATION NUMBER: 60/091360
66	PRIOR FILING DATE: 1998-07-01
67	PRIOR APPLICATION NUMBER: 60/091478
68	PRIOR FILING DATE: 1998-07-02
69	PRIOR APPLICATION NUMBER: 60/091544

;	PRIOR FILING DATE:	1998-06-17	
;	PRIOR APPLICATION NUMBER:	60/089538	
;	PRIOR FILING DATE:	1998-06-17	
;	PRIOR APPLICATION NUMBER:	60/089598	
;	PRIOR FILING DATE:	1998-06-17	
;	PRIOR APPLICATION NUMBER:	60/089599	
;	PRIOR FILING DATE:	1998-06-17	
;	PRIOR APPLICATION NUMBER:	60/089600	
;	PRIOR FILING DATE:	1998-06-17	
;	PRIOR APPLICATION NUMBER:	60/089653	
;	PRIOR FILING DATE:	1998-06-17	
;	PRIOR APPLICATION NUMBER:	60/089801	
;	PRIOR FILING DATE:	1998-06-18	
;	PRIOR APPLICATION NUMBER:	60/089907	
;	PRIOR FILING DATE:	1998-06-18	
;	PRIOR APPLICATION NUMBER:	60/089908	
;	PRIOR FILING DATE:	1998-06-18	
;	PRIOR APPLICATION NUMBER:	60/089947	
;	PRIOR FILING DATE:	1998-06-19	
;	PRIOR APPLICATION NUMBER:	60/089948	
;	PRIOR FILING DATE:	1998-06-19	
;	PRIOR APPLICATION NUMBER:	60/089952	
;	PRIOR FILING DATE:	1998-06-19	
;	PRIOR APPLICATION NUMBER:	60/090246	
;	PRIOR FILING DATE:	1998-06-22	
;	PRIOR APPLICATION NUMBER:	60/090252	
;	PRIOR FILING DATE:	1998-06-22	
;	PRIOR APPLICATION NUMBER:	60/090254	
;	PRIOR FILING DATE:	1998-06-22	
;	PRIOR APPLICATION NUMBER:	60/090349	
;	PRIOR FILING DATE:	1998-06-23	
;	PRIOR APPLICATION NUMBER:	60/090355	
;	PRIOR FILING DATE:	1998-06-23	
;	PRIOR APPLICATION NUMBER:	60/090429	
;	PRIOR FILING DATE:	1998-06-24	
;	PRIOR APPLICATION NUMBER:	60/090431	
;	PRIOR FILING DATE:	1998-06-24	
;	PRIOR APPLICATION NUMBER:	60/090435	
;	PRIOR FILING DATE:	1998-06-24	
;	PRIOR APPLICATION NUMBER:	60/090444	
;	PRIOR FILING DATE:	1998-06-24	
;	PRIOR APPLICATION NUMBER:	60/090445	
;	PRIOR FILING DATE:	1998-06-24	
;	PRIOR APPLICATION NUMBER:	60/090472	
;	PRIOR FILING DATE:	1998-06-24	
;	PRIOR APPLICATION NUMBER:	60/090535	
;	PRIOR FILING DATE:	1998-06-24	
;	PRIOR APPLICATION NUMBER:	60/090540	
;	PRIOR FILING DATE:	1998-06-24	
;	PRIOR APPLICATION NUMBER:	60/090542	
;	PRIOR FILING DATE:	1998-06-24	
;	PRIOR APPLICATION NUMBER:	60/090557	
;	PRIOR FILING DATE:	1998-06-24	
;	PRIOR APPLICATION NUMBER:	60/090676	
;	PRIOR FILING DATE:	1998-06-25	
;	PRIOR APPLICATION NUMBER:	60/090678	
;	PRIOR FILING DATE:	1998-06-25	
;	PRIOR APPLICATION NUMBER:	60/090690	
;	PRIOR FILING DATE:	1998-06-25	
;	PRIOR APPLICATION NUMBER:	60/090694	
;	PRIOR FILING DATE:	1998-06-25	
;	PRIOR APPLICATION NUMBER:	60/090695	
;	PRIOR FILING DATE:	1998-06-25	
;	PRIOR APPLICATION NUMBER:	60/090696	
;	PRIOR FILING DATE:	1998-06-25	
;	PRIOR APPLICATION NUMBER:	60/090862	
;	PRIOR FILING DATE:	1998-06-26	
;	PRIOR APPLICATION NUMBER:	60/090863	
;	PRIOR FILING DATE:	1998-06-26	
;	PRIOR APPLICATION NUMBER:	60/091360	
;	PRIOR FILING DATE:	1998-07-01	
;	PRIOR APPLICATION NUMBER:	60/091478	
;	PRIOR FILING DATE:	1998-07-02	

; PRIOR APPLICATION NUMBER: 60/091544
 ; PRIOR FILING DATE: 1998-07-01
 ; PRIOR APPLICATION NUMBER: 60/091519
 ; PRIOR FILING DATE: 1998-07-02
 ; PRIOR APPLICATION NUMBER: 60/091626
 ; PRIOR FILING DATE: 1998-07-02
 ; PRIOR APPLICATION NUMBER: 60/091633
 ; PRIOR FILING DATE: 1998-07-02
 ; PRIOR APPLICATION NUMBER: 60/091978
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/091982
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/092182
 ; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSFLLMGTFLLSVSGTVAQLDALLVFGQVAQLSCTLSPOHVTIRYGVSWYQOR 60
 DB 1 MACRCLSFLLMGTFLLSVSGTVAQLDALLVFGQVAQLSCTLSPOHVTIRYGVSWYQOR 60
 QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTITSPVQPEDDADYYCSGVG 120
 DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTITSPVQPEDDADYYCSGVG 120
 QY 121 FSP 123
 DB 121 FSP 123

RESULT 45

US-09-989-729A-117
 ; Sequence 117, Application US/09989729A
 ; Publication No. US20030059831A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnovers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P2730P1C59
 ; CURRENT APPLICATION NUMBER: US/09/989,729A
 ; CURRENT FILING DATE: 2001-11-19
 ; PRIOR APPLICATION NUMBER: 60/049787
 ; PRIOR FILING DATE: 1997-06-16
 ; PRIOR APPLICATION NUMBER: 60/062250
 ; PRIOR FILING DATE: 1997-10-17
 ; PRIOR APPLICATION NUMBER: 60/065186
 ; PRIOR FILING DATE: 1997-11-12
 ; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13
 ; PRIOR APPLICATION NUMBER: 60/066770
 ; PRIOR FILING DATE: 1997-11-24
 ; PRIOR APPLICATION NUMBER: 60/075945
 ; PRIOR FILING DATE: 1998-02-25
 ; PRIOR APPLICATION NUMBER: 60/078910
 ; PRIOR FILING DATE: 1998-03-20
 ; PRIOR APPLICATION NUMBER: 60/083322
 ; PRIOR FILING DATE: 1998-04-28
 ; PRIOR APPLICATION NUMBER: 60/084600
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/087106
 ; PRIOR FILING DATE: 1998-05-28
 ; PRIOR APPLICATION NUMBER: 60/087607
 ; PRIOR FILING DATE: 1998-06-02
 ; PRIOR APPLICATION NUMBER: 60/087609
 ; PRIOR FILING DATE: 1998-06-02
 ; PRIOR APPLICATION NUMBER: 60/087759
 ; PRIOR FILING DATE: 1998-06-02
 ; PRIOR APPLICATION NUMBER: 60/087827
 ; PRIOR FILING DATE: 1998-06-03
 ; PRIOR APPLICATION NUMBER: 60/088021
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088025
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088026
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088028
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088029
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088030
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088033
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088326
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088167
 ; PRIOR FILING DATE: 1998-06-05
 ; PRIOR APPLICATION NUMBER: 60/088202
 ; PRIOR FILING DATE: 1998-06-05
 ; PRIOR APPLICATION NUMBER: 60/088212
 ; PRIOR FILING DATE: 1998-06-05
 ; PRIOR APPLICATION NUMBER: 60/088217
 ; PRIOR FILING DATE: 1998-06-05
 ; PRIOR APPLICATION NUMBER: 60/088655
 ; PRIOR FILING DATE: 1998-06-09
 ; PRIOR APPLICATION NUMBER: 60/088734
 ; PRIOR FILING DATE: 1998-06-10
 ; PRIOR APPLICATION NUMBER: 60/088738
 ; PRIOR FILING DATE: 1998-06-10
 ; PRIOR APPLICATION NUMBER: 60/088742
 ; PRIOR FILING DATE: 1998-06-10
 ; PRIOR APPLICATION NUMBER: 60/088810
 ; PRIOR FILING DATE: 1998-06-10
 ; PRIOR APPLICATION NUMBER: 60/088824
 ; PRIOR FILING DATE: 1998-06-10
 ; PRIOR APPLICATION NUMBER: 60/088826
 ; PRIOR FILING DATE: 1998-06-10
 ; PRIOR APPLICATION NUMBER: 60/088858
 ; PRIOR FILING DATE: 1998-06-11
 ; PRIOR APPLICATION NUMBER: 60/088861
 ; PRIOR FILING DATE: 1998-06-11
 ; PRIOR APPLICATION NUMBER: 60/088876
 ; PRIOR FILING DATE: 1998-06-11
 ; PRIOR APPLICATION NUMBER: 60/089105
 ; PRIOR FILING DATE: 1998-06-12
 ; PRIOR APPLICATION NUMBER: 60/089440
 ; PRIOR FILING DATE: 1998-06-16
 ; PRIOR APPLICATION NUMBER: 60/089512
 ; PRIOR FILING DATE: 1998-06-16
 ; PRIOR APPLICATION NUMBER: 60/089514
 ; PRIOR FILING DATE: 1998-06-16

; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090252
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090254
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090355
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090535
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090540
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090542
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090676
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090678
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090690
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090694
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090696
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478

; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09
; Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSLFMGTFLVSQTVLAQLDALLVPRGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSLFMGTFLVSQTVLAQLDALLVPRGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAXDEAHNACVLITISVPQEDDADYVCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAXDEAHNACVLITISVPQEDDADYVCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 46

US-09-997-349-117
; Sequence 117, Application US/09997349
; Publication No. US20030059832A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC37
; CURRENT APPLICATION NUMBER: US/09/997,349
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12

PRIOR APPLICATION NUMBER: 60/065311	
PRIOR FILING DATE: 1997-11-13	
PRIOR APPLICATION NUMBER: 60/066770	
PRIOR FILING DATE: 1997-11-24	
PRIOR APPLICATION NUMBER: 60/075945	
PRIOR FILING DATE: 1998-02-25	
PRIOR APPLICATION NUMBER: 60/078910	
PRIOR FILING DATE: 1998-03-20	
PRIOR APPLICATION NUMBER: 60/083322	
PRIOR FILING DATE: 1998-04-28	
PRIOR APPLICATION NUMBER: 60/084600	
PRIOR FILING DATE: 1998-05-07	
PRIOR APPLICATION NUMBER: 60/087106	
PRIOR FILING DATE: 1998-05-28	
PRIOR APPLICATION NUMBER: 60/087607	
PRIOR FILING DATE: 1998-06-02	
PRIOR APPLICATION NUMBER: 60/087609	
PRIOR FILING DATE: 1998-06-02	
PRIOR APPLICATION NUMBER: 60/087759	
PRIOR FILING DATE: 1998-06-02	
PRIOR APPLICATION NUMBER: 60/087827	
PRIOR FILING DATE: 1998-06-03	
PRIOR APPLICATION NUMBER: 60/088021	
PRIOR FILING DATE: 1998-06-04	
PRIOR APPLICATION NUMBER: 60/088025	
PRIOR FILING DATE: 1998-06-04	
PRIOR APPLICATION NUMBER: 60/088026	
PRIOR FILING DATE: 1998-06-04	
PRIOR APPLICATION NUMBER: 60/088028	
PRIOR FILING DATE: 1998-06-04	
PRIOR APPLICATION NUMBER: 60/088029	
PRIOR FILING DATE: 1998-06-04	
PRIOR APPLICATION NUMBER: 60/088030	
PRIOR FILING DATE: 1998-06-04	
PRIOR APPLICATION NUMBER: 60/088033	
PRIOR FILING DATE: 1998-06-04	
PRIOR APPLICATION NUMBER: 60/088326	
PRIOR FILING DATE: 1998-06-04	
PRIOR APPLICATION NUMBER: 60/088167	
PRIOR FILING DATE: 1998-06-05	
PRIOR APPLICATION NUMBER: 60/088202	
PRIOR FILING DATE: 1998-06-05	
PRIOR APPLICATION NUMBER: 60/088212	
PRIOR FILING DATE: 1998-06-05	
PRIOR APPLICATION NUMBER: 60/088217	
PRIOR FILING DATE: 1998-06-05	
PRIOR APPLICATION NUMBER: 60/088655	
PRIOR FILING DATE: 1998-06-09	
PRIOR APPLICATION NUMBER: 60/088734	
PRIOR FILING DATE: 1998-06-10	
PRIOR APPLICATION NUMBER: 60/088738	
PRIOR FILING DATE: 1998-06-10	
PRIOR APPLICATION NUMBER: 60/088742	
PRIOR FILING DATE: 1998-06-10	
PRIOR APPLICATION NUMBER: 60/088810	
PRIOR FILING DATE: 1998-06-10	
PRIOR APPLICATION NUMBER: 60/088824	
PRIOR FILING DATE: 1998-06-10	
PRIOR APPLICATION NUMBER: 60/088826	
PRIOR FILING DATE: 1998-06-10	
PRIOR APPLICATION NUMBER: 60/088858	
PRIOR FILING DATE: 1998-06-11	
PRIOR APPLICATION NUMBER: 60/088861	
PRIOR FILING DATE: 1998-06-11	
PRIOR APPLICATION NUMBER: 60/088876	
PRIOR FILING DATE: 1998-06-11	
PRIOR APPLICATION NUMBER: 60/089105	
PRIOR FILING DATE: 1998-06-12	
PRIOR APPLICATION NUMBER: 60/089440	
PRIOR FILING DATE: 1998-06-16	
PRIOR APPLICATION NUMBER: 60/089512	
PRIOR FILING DATE: 1998-06-16	
PRIOR APPLICATION NUMBER: 60/089514	
PRIOR FILING DATE: 1998-06-16	

; PRIOR APPLICATION NUMBER: 60/091478
 ; PRIOR FILING DATE: 1998-07-02
 ; PRIOR APPLICATION NUMBER: 60/091544
 ; PRIOR FILING DATE: 1998-07-01
 ; PRIOR APPLICATION NUMBER: 60/091519
 ; PRIOR FILING DATE: 1998-07-02
 ; PRIOR APPLICATION NUMBER: 60/091626
 ; PRIOR FILING DATE: 1998-07-02
 ; PRIOR APPLICATION NUMBER: 60/091633
 ; PRIOR FILING DATE: 1998-07-02
 ; PRIOR APPLICATION NUMBER: 60/091978
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/091982
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/092182
 ; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRLSFLMGTFLSVSQTVLAQDALLVPPGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 Db 1 MACRLSFLMGTFLSVSQTVLAQDALLVPPGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYRSBEDHHRPADIPDRFSAKDEAHNACVLTISVPQEDDADYYCSVGYG 120
 Db 61 AGSAPRYLLYRSBEDHHRPADIPDRFSAKDEAHNACVLTISVPQEDDADYYCSVGYG 120
 QY 121 FSP 123
 Db 121 FSP 123

RESULT 47

US-09-997-440-117
 ; Sequence 117, Application US/09997440
 ; Publication No. US20030059833A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gertsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Kijavini, Ivar J.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P2730P1C31
 ; CURRENT APPLICATION NUMBER: US/09/997,440
 ; CURRENT FILING DATE: 2001-11-15
 ; PRIOR APPLICATION NUMBER: 60/049787
 ; PRIOR FILING DATE: 1997-06-16
 ; PRIOR APPLICATION NUMBER: 60/062250
 ; PRIOR FILING DATE: 1997-10-17
 ; PRIOR APPLICATION NUMBER: 60/065186

; PRIOR FILING DATE: 1997-11-12
 ; PRIOR APPLICATION NUMBER: 60/065311
 ; PRIOR FILING DATE: 1997-11-13
 ; PRIOR APPLICATION NUMBER: 60/066770
 ; PRIOR FILING DATE: 1997-11-24
 ; PRIOR APPLICATION NUMBER: 60/075945
 ; PRIOR FILING DATE: 1998-02-25
 ; PRIOR APPLICATION NUMBER: 60/078910
 ; PRIOR FILING DATE: 1998-03-20
 ; PRIOR APPLICATION NUMBER: 60/083322
 ; PRIOR FILING DATE: 1998-04-28
 ; PRIOR APPLICATION NUMBER: 60/084600
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/087106
 ; PRIOR FILING DATE: 1998-05-28
 ; PRIOR APPLICATION NUMBER: 60/087607
 ; PRIOR FILING DATE: 1998-06-02
 ; PRIOR APPLICATION NUMBER: 60/087609
 ; PRIOR FILING DATE: 1998-06-02
 ; PRIOR APPLICATION NUMBER: 60/087759
 ; PRIOR FILING DATE: 1998-06-02
 ; PRIOR APPLICATION NUMBER: 60/087827
 ; PRIOR FILING DATE: 1998-06-03
 ; PRIOR APPLICATION NUMBER: 60/088021
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088025
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088026
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088028
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088029
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088030
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088033
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088326
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088167
 ; PRIOR FILING DATE: 1998-06-05
 ; PRIOR APPLICATION NUMBER: 60/088202
 ; PRIOR FILING DATE: 1998-06-05
 ; PRIOR APPLICATION NUMBER: 60/088212
 ; PRIOR FILING DATE: 1998-06-05
 ; PRIOR APPLICATION NUMBER: 60/088217
 ; PRIOR FILING DATE: 1998-06-05
 ; PRIOR APPLICATION NUMBER: 60/088655
 ; PRIOR FILING DATE: 1998-06-09
 ; PRIOR APPLICATION NUMBER: 60/088734
 ; PRIOR FILING DATE: 1998-06-10
 ; PRIOR APPLICATION NUMBER: 60/088738
 ; PRIOR FILING DATE: 1998-06-10
 ; PRIOR APPLICATION NUMBER: 60/088742
 ; PRIOR FILING DATE: 1998-06-10
 ; PRIOR APPLICATION NUMBER: 60/088810
 ; PRIOR FILING DATE: 1998-06-10
 ; PRIOR APPLICATION NUMBER: 60/088824
 ; PRIOR FILING DATE: 1998-06-10
 ; PRIOR APPLICATION NUMBER: 60/088826
 ; PRIOR FILING DATE: 1998-06-10
 ; PRIOR APPLICATION NUMBER: 60/088858
 ; PRIOR FILING DATE: 1998-06-11
 ; PRIOR APPLICATION NUMBER: 60/088861
 ; PRIOR FILING DATE: 1998-06-11
 ; PRIOR APPLICATION NUMBER: 60/088876
 ; PRIOR FILING DATE: 1998-06-11
 ; PRIOR APPLICATION NUMBER: 60/089105
 ; PRIOR FILING DATE: 1998-06-12
 ; PRIOR APPLICATION NUMBER: 60/089440
 ; PRIOR FILING DATE: 1998-06-16
 ; PRIOR APPLICATION NUMBER: 60/089512
 ; PRIOR FILING DATE: 1998-06-16

;; PRIOR APPLICATION NUMBER: 60/089514
;; PRIOR FILING DATE: 1998-06-16
;; PRIOR APPLICATION NUMBER: 60/089532
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089538
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089598
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089599
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089600
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089653
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089801
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089907
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089908
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089947
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/089948
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/089952
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/090246
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090252
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090254
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090349
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090355
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090429
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090431
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090435
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090444
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090445
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090472
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090535
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090540
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090542
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090557
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090676
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090678
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090690
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090694
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090695
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090696
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090862
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/090863
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/091360

;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091478
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091544
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091519
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091626
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091633
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091978
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLSLFLLMGTPFLSVQTVLAQLDALLVFPQVLAQLSCTLSFQHVHTIRDYGVSWYQQR 60
Db 1 MACRCLSLFLLMGTPFLSVQTVLAQLDALLVFPQVLAQLSCTLSFQHVHTIRDYGVSWYQQR 60
Qy 61 AGSAPRYLLVYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPVOPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLVYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPVOPEDDADYYCSVGYG 120
Qy 121 FSP 123
Db 121 FSP 123

RESULT 48

US-09-990-440-117
; Sequence 117, Application US/09990440
; Publication No. US20030060407A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C21
; CURRENT APPLICATION NUMBER: US/09/990,440
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17

1	PRIOR APPLICATION NUMBER: 60/065186	1	PRIOR FILING DATE: 1998-06-16
2	PRIOR FILING DATE: 1997-11-12	2	PRIOR APPLICATION NUMBER: 60/089514
3	PRIOR APPLICATION NUMBER: 60/065311	3	PRIOR FILING DATE: 1998-06-16
4	PRIOR FILING DATE: 1997-11-13	4	PRIOR APPLICATION NUMBER: 60/089532
5	PRIOR APPLICATION NUMBER: 60/066770	5	PRIOR FILING DATE: 1998-06-17
6	PRIOR FILING DATE: 1997-11-24	6	PRIOR APPLICATION NUMBER: 60/089538
7	PRIOR APPLICATION NUMBER: 60/075945	7	PRIOR FILING DATE: 1998-06-17
8	PRIOR FILING DATE: 1998-02-25	8	PRIOR APPLICATION NUMBER: 60/089598
9	PRIOR APPLICATION NUMBER: 60/078910	9	PRIOR FILING DATE: 1998-06-17
10	PRIOR FILING DATE: 1998-03-20	10	PRIOR APPLICATION NUMBER: 60/089599
11	PRIOR APPLICATION NUMBER: 60/083322	11	PRIOR FILING DATE: 1998-06-17
12	PRIOR FILING DATE: 1998-04-28	12	PRIOR APPLICATION NUMBER: 60/089600
13	PRIOR APPLICATION NUMBER: 60/084600	13	PRIOR FILING DATE: 1998-06-17
14	PRIOR FILING DATE: 1998-05-07	14	PRIOR APPLICATION NUMBER: 60/089653
15	PRIOR APPLICATION NUMBER: 60/087106	15	PRIOR FILING DATE: 1998-06-17
16	PRIOR FILING DATE: 1998-05-28	16	PRIOR APPLICATION NUMBER: 60/089801
17	PRIOR APPLICATION NUMBER: 60/087607	17	PRIOR FILING DATE: 1998-06-18
18	PRIOR FILING DATE: 1998-06-02	18	PRIOR APPLICATION NUMBER: 60/089907
19	PRIOR APPLICATION NUMBER: 60/087609	19	PRIOR FILING DATE: 1998-06-18
20	PRIOR FILING DATE: 1998-06-02	20	PRIOR APPLICATION NUMBER: 60/089908
21	PRIOR APPLICATION NUMBER: 60/087759	21	PRIOR FILING DATE: 1998-06-18
22	PRIOR FILING DATE: 1998-06-02	22	PRIOR APPLICATION NUMBER: 60/089947
23	PRIOR APPLICATION NUMBER: 60/087827	23	PRIOR FILING DATE: 1998-06-19
24	PRIOR FILING DATE: 1998-06-03	24	PRIOR APPLICATION NUMBER: 60/089948
25	PRIOR APPLICATION NUMBER: 60/088021	25	PRIOR FILING DATE: 1998-06-19
26	PRIOR FILING DATE: 1998-06-04	26	PRIOR APPLICATION NUMBER: 60/089952
27	PRIOR APPLICATION NUMBER: 60/088025	27	PRIOR FILING DATE: 1998-06-19
28	PRIOR FILING DATE: 1998-06-04	28	PRIOR APPLICATION NUMBER: 60/090246
29	PRIOR APPLICATION NUMBER: 60/088026	29	PRIOR FILING DATE: 1998-06-22
30	PRIOR FILING DATE: 1998-06-04	30	PRIOR APPLICATION NUMBER: 60/090252
31	PRIOR APPLICATION NUMBER: 60/088028	31	PRIOR FILING DATE: 1998-06-22
32	PRIOR FILING DATE: 1998-06-04	32	PRIOR APPLICATION NUMBER: 60/090254
33	PRIOR APPLICATION NUMBER: 60/088029	33	PRIOR FILING DATE: 1998-06-22
34	PRIOR FILING DATE: 1998-06-04	34	PRIOR APPLICATION NUMBER: 60/090349
35	PRIOR APPLICATION NUMBER: 60/088030	35	PRIOR FILING DATE: 1998-06-23
36	PRIOR FILING DATE: 1998-06-04	36	PRIOR APPLICATION NUMBER: 60/090355
37	PRIOR APPLICATION NUMBER: 60/088033	37	PRIOR FILING DATE: 1998-06-23
38	PRIOR FILING DATE: 1998-06-04	38	PRIOR APPLICATION NUMBER: 60/090429
39	PRIOR APPLICATION NUMBER: 60/088326	39	PRIOR FILING DATE: 1998-06-24
40	PRIOR FILING DATE: 1998-06-04	40	PRIOR APPLICATION NUMBER: 60/090431
41	PRIOR APPLICATION NUMBER: 60/088167	41	PRIOR FILING DATE: 1998-06-24
42	PRIOR FILING DATE: 1998-06-05	42	PRIOR APPLICATION NUMBER: 60/090435
43	PRIOR APPLICATION NUMBER: 60/088202	43	PRIOR FILING DATE: 1998-06-24
44	PRIOR FILING DATE: 1998-06-05	44	PRIOR APPLICATION NUMBER: 60/090444
45	PRIOR APPLICATION NUMBER: 60/088212	45	PRIOR FILING DATE: 1998-06-24
46	PRIOR FILING DATE: 1998-06-05	46	PRIOR APPLICATION NUMBER: 60/090445
47	PRIOR APPLICATION NUMBER: 60/088217	47	PRIOR FILING DATE: 1998-06-24
48	PRIOR FILING DATE: 1998-06-05	48	PRIOR APPLICATION NUMBER: 60/090472
49	PRIOR APPLICATION NUMBER: 60/088655	49	PRIOR FILING DATE: 1998-06-24
50	PRIOR FILING DATE: 1998-06-09	50	PRIOR APPLICATION NUMBER: 60/090535
51	PRIOR APPLICATION NUMBER: 60/088734	51	PRIOR FILING DATE: 1998-06-24
52	PRIOR FILING DATE: 1998-06-10	52	PRIOR APPLICATION NUMBER: 60/090540
53	PRIOR APPLICATION NUMBER: 60/088738	53	PRIOR FILING DATE: 1998-06-24
54	PRIOR FILING DATE: 1998-06-10	54	PRIOR APPLICATION NUMBER: 60/090542
55	PRIOR APPLICATION NUMBER: 60/088742	55	PRIOR FILING DATE: 1998-06-24
56	PRIOR FILING DATE: 1998-06-10	56	PRIOR APPLICATION NUMBER: 60/090557
57	PRIOR APPLICATION NUMBER: 60/088810	57	PRIOR FILING DATE: 1998-06-24
58	PRIOR FILING DATE: 1998-06-10	58	PRIOR APPLICATION NUMBER: 60/090676
59	PRIOR APPLICATION NUMBER: 60/088824	59	PRIOR FILING DATE: 1998-06-25
60	PRIOR FILING DATE: 1998-06-10	60	PRIOR APPLICATION NUMBER: 60/090678
61	PRIOR APPLICATION NUMBER: 60/088826	61	PRIOR FILING DATE: 1998-06-25
62	PRIOR FILING DATE: 1998-06-10	62	PRIOR APPLICATION NUMBER: 60/090690
63	PRIOR APPLICATION NUMBER: 60/088858	63	PRIOR FILING DATE: 1998-06-25
64	PRIOR FILING DATE: 1998-06-11	64	PRIOR APPLICATION NUMBER: 60/090694
65	PRIOR APPLICATION NUMBER: 60/088861	65	PRIOR FILING DATE: 1998-06-25
66	PRIOR FILING DATE: 1998-06-11	66	PRIOR APPLICATION NUMBER: 60/090695
67	PRIOR APPLICATION NUMBER: 60/088876	67	PRIOR FILING DATE: 1998-06-25
68	PRIOR FILING DATE: 199		

1	PRIOR APPLICATION NUMBER: 60/089512
2	PRIOR FILING DATE: 1998-06-16
3	PRIOR APPLICATION NUMBER: 60/089514
4	PRIOR FILING DATE: 1998-06-16
5	PRIOR APPLICATION NUMBER: 60/089532
6	PRIOR FILING DATE: 1998-06-17
7	PRIOR APPLICATION NUMBER: 60/089538
8	PRIOR FILING DATE: 1998-06-17
9	PRIOR APPLICATION NUMBER: 60/089598
10	PRIOR FILING DATE: 1998-06-17
11	PRIOR APPLICATION NUMBER: 60/089599
12	PRIOR FILING DATE: 1998-06-17
13	PRIOR APPLICATION NUMBER: 60/089600
14	PRIOR FILING DATE: 1998-06-17
15	PRIOR APPLICATION NUMBER: 60/089653
16	PRIOR FILING DATE: 1998-06-17
17	PRIOR APPLICATION NUMBER: 60/089801
18	PRIOR FILING DATE: 1998-06-18
19	PRIOR APPLICATION NUMBER: 60/089907
20	PRIOR FILING DATE: 1998-06-18
21	PRIOR APPLICATION NUMBER: 60/089908
22	PRIOR FILING DATE: 1998-06-18
23	PRIOR APPLICATION NUMBER: 60/089947
24	PRIOR FILING DATE: 1998-06-19
25	PRIOR APPLICATION NUMBER: 60/089948
26	PRIOR FILING DATE: 1998-06-19
27	PRIOR APPLICATION NUMBER: 60/089952
28	PRIOR FILING DATE: 1998-06-19
29	PRIOR APPLICATION NUMBER: 60/090246
30	PRIOR FILING DATE: 1998-06-22
31	PRIOR APPLICATION NUMBER: 60/090252
32	PRIOR FILING DATE: 1998-06-22
33	PRIOR APPLICATION NUMBER: 60/090254
34	PRIOR FILING DATE: 1998-06-22
35	PRIOR APPLICATION NUMBER: 60/090349
36	PRIOR FILING DATE: 1998-06-23
37	PRIOR APPLICATION NUMBER: 60/090355
38	PRIOR FILING DATE: 1998-06-23
39	PRIOR APPLICATION NUMBER: 60/090429
40	PRIOR FILING DATE: 1998-06-24
41	PRIOR APPLICATION NUMBER: 60/090431
42	PRIOR FILING DATE: 1998-06-24
43	PRIOR APPLICATION NUMBER: 60/090435
44	PRIOR FILING DATE: 1998-06-24
45	PRIOR APPLICATION NUMBER: 60/090444
46	PRIOR FILING DATE: 1998-06-24
47	PRIOR APPLICATION NUMBER: 60/090445
48	PRIOR FILING DATE: 1998-06-24
49	PRIOR APPLICATION NUMBER: 60/090472
50	PRIOR FILING DATE: 1998-06-24
51	PRIOR APPLICATION NUMBER: 60/090535
52	PRIOR FILING DATE: 1998-06-24
53	PRIOR APPLICATION NUMBER: 60/090540
54	PRIOR FILING DATE: 1998-06-24
55	PRIOR APPLICATION NUMBER: 60/090542
56	PRIOR FILING DATE: 1998-06-24
57	PRIOR APPLICATION NUMBER: 60/090557
58	PRIOR FILING DATE: 1998-06-24
59	PRIOR APPLICATION NUMBER: 60/090676
60	PRIOR FILING DATE: 1998-06-25
61	PRIOR APPLICATION NUMBER: 60/090678
62	PRIOR FILING DATE: 1998-06-25
63	PRIOR APPLICATION NUMBER: 60/090690
64	PRIOR FILING DATE: 1998-06-25
65	PRIOR APPLICATION NUMBER: 60/090694
66	PRIOR FILING DATE: 1998-06-25
67	PRIOR APPLICATION NUMBER: 60/090695
68	PRIOR FILING DATE: 1998-06-25
69	PRIOR APPLICATION NUMBER: 60/090696
70	PRIOR FILING DATE: 1998-06-25
71	PRIOR APPLICATION NUMBER: 60/090862
72	PRIOR FILING DATE: 1998-06-26
73	PRIOR APPLICATION NUMBER: 60/090863

```

; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match          100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. NO. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MACRCLSFLIMGTFLSVSQTVLAQDLALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db      1  MACRCLSFLIMGTFLSVSQTVLAQDLALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

Qy     61  AGSAPRYLLYRSEEDHHRPADIPDRFSAKDAAHNACVLTITSPVQPEDDADYYCSVGYG 120
Db     61  AGSAPRYLLYRSEEDHHRPADIPDRFSAKDAAHNACVLTITSPVQPEDDADYYCSVGYG 120

Qy    121  FSP 123
Db    121  FSP 123

RESULT 50
US-09-997-542-117
; Sequence 117: Application US/09997542
; Publication No. US20030068647A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C26
; CURRENT APPLICATION NUMBER: US/09/997,542
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16

```

1	PRIOR FILING DATE: 1998-06-16	
2	PRIOR APPLICATION NUMBER: 60/089512	
3	PRIOR FILING DATE: 1998-06-16	
4	PRIOR APPLICATION NUMBER: 60/089514	
5	PRIOR FILING DATE: 1998-06-16	
6	PRIOR APPLICATION NUMBER: 60/089532	
7	PRIOR FILING DATE: 1998-06-17	
8	PRIOR APPLICATION NUMBER: 60/089538	
9	PRIOR FILING DATE: 1998-06-17	
10	PRIOR APPLICATION NUMBER: 60/089598	
11	PRIOR FILING DATE: 1998-06-17	
12	PRIOR APPLICATION NUMBER: 60/089599	
13	PRIOR FILING DATE: 1998-06-17	
14	PRIOR APPLICATION NUMBER: 60/089600	
15	PRIOR FILING DATE: 1998-06-17	
16	PRIOR APPLICATION NUMBER: 60/089653	
17	PRIOR FILING DATE: 1998-06-17	
18	PRIOR APPLICATION NUMBER: 60/089601	
19	PRIOR FILING DATE: 1998-06-18	
20	PRIOR APPLICATION NUMBER: 60/089907	
21	PRIOR FILING DATE: 1998-06-18	
22	PRIOR APPLICATION NUMBER: 60/089908	
23	PRIOR FILING DATE: 1998-06-18	
24	PRIOR APPLICATION NUMBER: 60/089947	
25	PRIOR FILING DATE: 1998-06-19	
26	PRIOR APPLICATION NUMBER: 60/089948	
27	PRIOR FILING DATE: 1998-06-19	
28	PRIOR APPLICATION NUMBER: 60/089952	
29	PRIOR FILING DATE: 1998-06-19	
30	PRIOR APPLICATION NUMBER: 60/090246	
31	PRIOR FILING DATE: 1998-06-22	
32	PRIOR APPLICATION NUMBER: 60/090252	
33	PRIOR FILING DATE: 1998-06-22	
34	PRIOR APPLICATION NUMBER: 60/090254	
35	PRIOR FILING DATE: 1998-06-22	
36	PRIOR APPLICATION NUMBER: 60/090349	
37	PRIOR FILING DATE: 1998-06-23	
38	PRIOR APPLICATION NUMBER: 60/090355	
39	PRIOR FILING DATE: 1998-06-23	
40	PRIOR APPLICATION NUMBER: 60/090429	
41	PRIOR FILING DATE: 1998-06-24	
42	PRIOR APPLICATION NUMBER: 60/090431	
43	PRIOR FILING DATE: 1998-06-24	
44	PRIOR APPLICATION NUMBER: 60/090435	
45	PRIOR FILING DATE: 1998-06-24	
46	PRIOR APPLICATION NUMBER: 60/090444	
47	PRIOR FILING DATE: 1998-06-24	
48	PRIOR APPLICATION NUMBER: 60/090445	
49	PRIOR FILING DATE: 1998-06-24	
50	PRIOR APPLICATION NUMBER: 60/090472	
51	PRIOR FILING DATE: 1998-06-24	
52	PRIOR APPLICATION NUMBER: 60/090535	
53	PRIOR FILING DATE: 1998-06-24	
54	PRIOR APPLICATION NUMBER: 60/090576	
55	PRIOR FILING DATE: 1998-06-25	
56	PRIOR APPLICATION NUMBER: 60/090678	
57	PRIOR FILING DATE: 1998-06-25	
58	PRIOR APPLICATION NUMBER: 60/090690	
59	PRIOR FILING DATE: 1998-06-25	
60	PRIOR APPLICATION NUMBER: 60/090694	
61	PRIOR FILING DATE: 1998-06-25	
62	PRIOR APPLICATION NUMBER: 60/090695	
63	PRIOR FILING DATE: 1998-06-25	
64	PRIOR APPLICATION NUMBER: 60/090696	
65	PRIOR FILING DATE: 1998-06-25	
66	PRIOR APPLICATION NUMBER: 60/090862	
67	PRIOR FILING DATE: 1998-06-26	

```
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match          100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTLSVSQTVLQDLALLVFPFGVQVQLSTLSPOHVTIRDYGVSWYQQR 60
   |||||
Db 1 MACRCLSFLLMGTLSVSQTVLQDLALLVFPFGVQVQLSTLSPOHVTIRDYGVSWYQQR 60
   |||||

QY 61 AGSAPRYLLYRSDEHRRPADIPDRFSAKDEAHNACVLITISPVQEDDADYICSVGYG 120
   |||||
Db 61 AGSAPRYLLYRSDEHRRPADIPDRFSAKDEAHNACVLITISPVQEDDADYICSVGYG 120
   |||||

QY 121 FSP 123
   |||
Db 121 FSP 123
   |||

RESULT 51
US-09-993-748-117
; Sequence 117, Application US/09993748
; Publication No. US20030069403A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C23
; CURRENT APPLICATION NUMBER: US/09/993,748
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
```

RESULT 52
US/09-990-439-117
Sequence 117, Application US/09990439
Publication No. US20030073090A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botschein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secrypted and Transmitted Data
FILE REFERENCE: P2730P1C52
CURRENT APPLICATION NUMBER: US/09/990439
CURRENT FILING DATE: 2001-11-16

; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLMGTFLSVSTVLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWMYQOR 60
Db 1 MACRCLSFLMGTFLSVSTVLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWMYQOR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 53
US-09-990-427-117
; Sequence 117, Application US/09990427
; Publication No. US20030073809A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C10
; CURRENT APPLICATION NUMBER: US/09/990,427

; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088028
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088030
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11

1	PRIOR APPLICATION NUMBER: 60/089105
2	PRIOR FILING DATE: 1998-06-12
3	PRIOR APPLICATION NUMBER: 60/089440
4	PRIOR FILING DATE: 1998-06-16
5	PRIOR APPLICATION NUMBER: 60/089512
6	PRIOR FILING DATE: 1998-06-16
7	PRIOR APPLICATION NUMBER: 60/089514
8	PRIOR FILING DATE: 1998-06-16
9	PRIOR APPLICATION NUMBER: 60/089532
10	PRIOR FILING DATE: 1998-06-17
11	PRIOR APPLICATION NUMBER: 60/089538
12	PRIOR FILING DATE: 1998-06-17
13	PRIOR APPLICATION NUMBER: 60/089598
14	PRIOR FILING DATE: 1998-06-17
15	PRIOR APPLICATION NUMBER: 60/089599
16	PRIOR FILING DATE: 1998-06-17
17	PRIOR APPLICATION NUMBER: 60/089600
18	PRIOR FILING DATE: 1998-06-17
19	PRIOR APPLICATION NUMBER: 60/089653
20	PRIOR FILING DATE: 1998-06-17
21	PRIOR APPLICATION NUMBER: 60/089601
22	PRIOR FILING DATE: 1998-06-18
23	PRIOR APPLICATION NUMBER: 60/089907
24	PRIOR FILING DATE: 1998-06-18
25	PRIOR APPLICATION NUMBER: 60/089908
26	PRIOR FILING DATE: 1998-06-18
27	PRIOR APPLICATION NUMBER: 60/089947
28	PRIOR FILING DATE: 1998-06-19
29	PRIOR APPLICATION NUMBER: 60/089948
30	PRIOR FILING DATE: 1998-06-19
31	PRIOR APPLICATION NUMBER: 60/089952
32	PRIOR FILING DATE: 1998-06-19
33	PRIOR APPLICATION NUMBER: 60/090246
34	PRIOR FILING DATE: 1998-06-22
35	PRIOR APPLICATION NUMBER: 60/090252
36	PRIOR FILING DATE: 1998-06-22
37	PRIOR APPLICATION NUMBER: 60/090254
38	PRIOR FILING DATE: 1998-06-22
39	PRIOR APPLICATION NUMBER: 60/090349
40	PRIOR FILING DATE: 1998-06-23
41	PRIOR APPLICATION NUMBER: 60/090355
42	PRIOR FILING DATE: 1998-06-23
43	PRIOR APPLICATION NUMBER: 60/090429
44	PRIOR FILING DATE: 1998-06-24
45	PRIOR APPLICATION NUMBER: 60/090431
46	PRIOR FILING DATE: 1998-06-24
47	PRIOR APPLICATION NUMBER: 60/090435
48	PRIOR FILING DATE: 1998-06-24
49	PRIOR APPLICATION NUMBER: 60/090444
50	PRIOR FILING DATE: 1998-06-24
51	PRIOR APPLICATION NUMBER: 60/090445
52	PRIOR FILING DATE: 1998-06-24
53	PRIOR APPLICATION NUMBER: 60/090472
54	PRIOR FILING DATE: 1998-06-24
55	PRIOR APPLICATION NUMBER: 60/090535
56	PRIOR FILING DATE: 1998-06-24
57	PRIOR APPLICATION NUMBER: 60/090540
58	PRIOR FILING DATE: 1998-06-24
59	PRIOR APPLICATION NUMBER: 60/090542
60	PRIOR FILING DATE: 1998-06-24
61	PRIOR APPLICATION NUMBER: 60/090557
62	PRIOR FILING DATE: 1998-06-24
63	PRIOR APPLICATION NUMBER: 60/090676
64	PRIOR FILING DATE: 1998-06-25
65	PRIOR APPLICATION NUMBER: 60/090678
66	PRIOR FILING DATE: 1998-06-25
67	PRIOR APPLICATION NUMBER: 60/090690
68	PRIOR FILING DATE: 1998-06-25
69	PRIOR APPLICATION NUMBER: 60/090694
70	PRIOR FILING DATE: 1998-06-25
71	PRIOR APPLICATION NUMBER: 60/090695
72	PRIOR FILING DATE: 1998-06-25
73	PRIOR APPLICATION NUMBER: 60/090696
74	PRIOR FILING DATE: 1998-06-25

```

; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match          100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLSFLMLGTFGLSVSTVLAQLDALLVFGQVAQLSCTLSPQHVTIRDYGSWYQQR 60
Db 1 MACRCLSFLMLGTFGLSVSTVLAQLDALLVFGQVAQLSCTLSPQHVTIRDYGSWYQQR 60

Qy 61 AGSAPRYLLYYSEEDHHRPADIPORFSAKDEAHNACVLITISVPQEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYYSEEDHHRPADIPORFSAKDEAHNACVLITISVPQEDDADYYCSVGYG 120

Qy 121 FSP 123
Db 121 FSP 123

RESULT 54
US-09-989-328-117
; Sequence 117, Application US/09989328
; Publication No. US20030077593A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC54

```



```

; CURRENT APPLICATION NUMBER: US/09/989,328
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088028
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088030
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLMGTFLSVSTVLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
Db 1 MACRCLSFLMGTFLSVSTVLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGVG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGVG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 55
US-09-993-583-117
; Sequence 117, Application US/09993583
; Publication No. US20030077594A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Pacini, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
```

```

; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C7
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: US/09/993,583
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088028
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088030
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
```

1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/089858
1 PRIOR FILING DATE: 1998-06-11
1 PRIOR APPLICATION NUMBER: 60/089861
1 PRIOR FILING DATE: 1998-06-11
1 PRIOR APPLICATION NUMBER: 60/089876
1 PRIOR FILING DATE: 1998-06-11
1 PRIOR APPLICATION NUMBER: 60/089105
1 PRIOR FILING DATE: 1998-06-12
1 PRIOR APPLICATION NUMBER: 60/089440
1 PRIOR FILING DATE: 1998-06-16
1 PRIOR APPLICATION NUMBER: 60/089512
1 PRIOR FILING DATE: 1998-06-16
1 PRIOR APPLICATION NUMBER: 60/089514
1 PRIOR FILING DATE: 1998-06-16
1 PRIOR APPLICATION NUMBER: 60/089532
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089538
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089598
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089599
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089600
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089653
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089801
1 PRIOR FILING DATE: 1998-06-18
1 PRIOR APPLICATION NUMBER: 60/089907
1 PRIOR FILING DATE: 1998-06-18
1 PRIOR APPLICATION NUMBER: 60/089908
1 PRIOR FILING DATE: 1998-06-18
1 PRIOR APPLICATION NUMBER: 60/089947
1 PRIOR FILING DATE: 1998-06-19
1 PRIOR APPLICATION NUMBER: 60/089948
1 PRIOR FILING DATE: 1998-06-19
1 PRIOR APPLICATION NUMBER: 60/089952
1 PRIOR FILING DATE: 1998-06-19
1 PRIOR APPLICATION NUMBER: 60/090246
1 PRIOR FILING DATE: 1998-06-22
1 PRIOR APPLICATION NUMBER: 60/090252
1 PRIOR FILING DATE: 1998-06-22
1 PRIOR APPLICATION NUMBER: 60/090254
1 PRIOR FILING DATE: 1998-06-22
1 PRIOR APPLICATION NUMBER: 60/090349
1 PRIOR FILING DATE: 1998-06-23
1 PRIOR APPLICATION NUMBER: 60/090355
1 PRIOR FILING DATE: 1998-06-23
1 PRIOR APPLICATION NUMBER: 60/090429
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090431
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090435
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090444
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090445
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090472
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090535
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090540
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090542
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090557
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090676
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090678
1 PRIOR FILING DATE: 1998-06-25

1 PRIOR APPLICATION NUMBER: 60/090690
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090694
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090695
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090696
1 PRIOR FILING DATE: 1998-06-25
1 PRIOR APPLICATION NUMBER: 60/090862
1 PRIOR FILING DATE: 1998-06-26
1 PRIOR APPLICATION NUMBER: 60/090863
1 PRIOR FILING DATE: 1998-06-26
1 PRIOR APPLICATION NUMBER: 60/091360
1 PRIOR FILING DATE: 1998-07-01
1 PRIOR APPLICATION NUMBER: 60/091478
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091544
1 PRIOR FILING DATE: 1998-07-01
1 PRIOR APPLICATION NUMBER: 60/091519
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091626
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091633
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091978
1 PRIOR FILING DATE: 1998-07-07
1 PRIOR APPLICATION NUMBER: 60/091982
1 PRIOR FILING DATE: 1998-07-07
1 PRIOR APPLICATION NUMBER: 60/092182
1 PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLFLLMGTFLSVSQTVAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGVSWQQR 60

Db 1 MACRCLFLLMGTFLSVSQTVAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGVSWQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYYCSVGYG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYYCSVGYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 56

US-09-941-992-117

Sequence 117, Application US/09941992

Publication No. US20030082546A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C1
CURRENT APPLICATION NUMBER: US/09/941,992
CURRENT FILING DATE: 2001-08-28
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088738
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10

PRIOR APPLICATION NUMBER: 60/088826
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088861
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088876
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089440
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089512
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089600
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090245
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090355
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090435
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090472
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090535
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090540
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090542
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090676
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090678

PRIOR FILING DATE: 1998-06-25
 PRIOR APPLICATION NUMBER: 60/090690
 PRIOR FILING DATE: 1998-06-25
 PRIOR APPLICATION NUMBER: 60/090694
 PRIOR FILING DATE: 1998-06-25
 PRIOR APPLICATION NUMBER: 60/090695
 PRIOR FILING DATE: 1998-06-25
 PRIOR APPLICATION NUMBER: 60/090696
 PRIOR FILING DATE: 1998-06-25
 PRIOR APPLICATION NUMBER: 60/090862
 PRIOR FILING DATE: 1998-06-26
 PRIOR APPLICATION NUMBER: 60/090863
 PRIOR FILING DATE: 1998-06-26
 PRIOR APPLICATION NUMBER: 60/091360
 PRIOR FILING DATE: 1998-07-01
 PRIOR APPLICATION NUMBER: 60/091478
 PRIOR FILING DATE: 1998-07-02
 PRIOR APPLICATION NUMBER: 60/091544
 PRIOR FILING DATE: 1998-07-01
 PRIOR APPLICATION NUMBER: 60/091519
 PRIOR FILING DATE: 1998-07-02
 PRIOR APPLICATION NUMBER: 60/091626
 PRIOR FILING DATE: 1998-07-02
 PRIOR APPLICATION NUMBER: 60/091633
 PRIOR FILING DATE: 1998-07-02
 PRIOR APPLICATION NUMBER: 60/091978
 PRIOR FILING DATE: 1998-07-07
 PRIOR APPLICATION NUMBER: 60/091982
 PRIOR FILING DATE: 1998-07-07
 PRIOR APPLICATION NUMBER: 60/092182
 PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3,4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSLMGTLSVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSLMGTLSVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYRSDEHHRPADIPDRFSAKDEAHNAACVLTISVPQEDDADYVCSVGYG 120
 DB 61 AGSAPRYLLYRSDEHHRPADIPDRFSAKDEAHNAACVLTISVPQEDDADYVCSVGYG 120
 QY 121 FSP 123
 DB 121 FSP 123

RESULT 57

US-09-982-521-117
 Sequence 117, Application US/09992521
 Publication No. US20030083461A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi J.
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Forgi, Sherman
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2730PIC6
 CURRENT APPLICATION NUMBER: US/09/992,521
 CURRENT FILING DATE: 2001-11-14
 PRIOR APPLICATION NUMBER: 60/049787
 PRIOR FILING DATE: 1997-06-16
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/065186
 PRIOR FILING DATE: 1997-11-12
 PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-13
 PRIOR APPLICATION NUMBER: 60/066770
 PRIOR FILING DATE: 1997-11-24
 PRIOR APPLICATION NUMBER: 60/075945
 PRIOR FILING DATE: 1998-03-25
 PRIOR APPLICATION NUMBER: 60/078910
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/083322
 PRIOR FILING DATE: 1998-04-28
 PRIOR APPLICATION NUMBER: 60/084600
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/087106
 PRIOR FILING DATE: 1998-05-28
 PRIOR APPLICATION NUMBER: 60/087607
 PRIOR FILING DATE: 1998-06-02
 PRIOR APPLICATION NUMBER: 60/087609
 PRIOR FILING DATE: 1998-06-02
 PRIOR APPLICATION NUMBER: 60/087759
 PRIOR FILING DATE: 1998-06-02
 PRIOR APPLICATION NUMBER: 60/087827
 PRIOR FILING DATE: 1998-06-03
 PRIOR APPLICATION NUMBER: 60/088021
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088025
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088026
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088028
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088029
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088030
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088033
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088326
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088167
 PRIOR FILING DATE: 1998-06-05
 PRIOR APPLICATION NUMBER: 60/088202
 PRIOR FILING DATE: 1998-06-05
 PRIOR APPLICATION NUMBER: 60/088212
 PRIOR FILING DATE: 1998-06-05
 PRIOR APPLICATION NUMBER: 60/088217
 PRIOR FILING DATE: 1998-06-05
 PRIOR APPLICATION NUMBER: 60/088655
 PRIOR FILING DATE: 1998-06-09
 PRIOR APPLICATION NUMBER: 60/088734
 PRIOR FILING DATE: 1998-06-10
 PRIOR APPLICATION NUMBER: 60/088738
 PRIOR FILING DATE: 1998-06-10
 PRIOR APPLICATION NUMBER: 60/088742
 PRIOR FILING DATE: 1998-06-10
 PRIOR APPLICATION NUMBER: 60/088810
 PRIOR FILING DATE: 1998-06-10
 PRIOR APPLICATION NUMBER: 60/088824

;
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090252
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090254
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090355
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090535
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090540
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090542
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090676
; PRIOR FILING DATE: 1998-06-25

;
; PRIOR APPLICATION NUMBER: 60/090678
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090690
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090694
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090696
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-54;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVPPGQVAQLSCTLSQHVHTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVPPGQVAQLSCTLSQHVHTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 58
US-09-997-333-117
; Sequence 117, Application US/09937333
; Publication No. US20030087304A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Borstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730PIC27
CURRENT APPLICATION NUMBER: US/09/997,333
CURRENT FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088738
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088826
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088861
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088876
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089440
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089512
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089600
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090355
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090435
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090472
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090535
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090540
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090542
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090676

;
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090252
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090254
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090355
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090535
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090540
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090542
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24

;
; PRIOR APPLICATION NUMBER: 60/090676
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090678
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090690
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090694
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090696
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSLFMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWTQOR 60

DB 1 MACRCLSLFMGTFLSVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWTQOR 60

QY 61 AGSAPRYLLYYRSEDDHHRPADIPRPSAAKDEAHNACVLITISVPQEDDADYICSVGYG 120

DB 61 AGSAPRYLLYYRSEDDHHRPADIPRPSAAKDEAHNACVLITISVPQEDDADYICSVGYG 120

QY 121 FSP 123

DB 121 FSP 123

RESULT 60

US-09-998-041-117

; Sequence 117, Application US/09998041

; Publication No. US20030119001A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.

; APPLICANT: Baker, Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Fong, Sherman

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaudi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C34
CURRENT APPLICATION NUMBER: US/09/998,041
CURRENT FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088738
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088826
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088861
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088876
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089440
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089512
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089600
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090355
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090435
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090472
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090535
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090540
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090542
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557

PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090676
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090678
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090690
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090694
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090695
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090696
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090862
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091478
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091544
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091626
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091633
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091978
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MACKLSFLMGTFLSVQVLAQLDALLVFPQVAQLSCTLSPPQHVITRDYGVSWYQQR 60
Db 1 MACKLSFLMGTFLSVQVLAQLDALLVFPQVAQLSCTLSPPQHVITRDYGVSWYQQR 60
Qy 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISPVQPEDDADYCVSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISPVQPEDDADYCVSVGYG 120
Qy 121 FSP 123
Db 121 FSP 123

RESULT 61
US-09-997-585-117
Sequence 117, Application US/09997585
Publication No. US20030119055A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.

APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C41
CURRENT APPLICATION NUMBER: US/09/997,585
CURRENT FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/045787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088738
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742

;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088810
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088824
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088826
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088858
;; PRIOR FILING DATE: 1998-06-11
;; PRIOR APPLICATION NUMBER: 60/088861
;; PRIOR FILING DATE: 1998-06-11
;; PRIOR APPLICATION NUMBER: 60/088876
;; PRIOR FILING DATE: 1998-06-11
;; PRIOR APPLICATION NUMBER: 60/089105
;; PRIOR FILING DATE: 1998-06-12
;; PRIOR APPLICATION NUMBER: 60/089440
;; PRIOR FILING DATE: 1998-06-16
;; PRIOR APPLICATION NUMBER: 60/089512
;; PRIOR FILING DATE: 1998-06-16
;; PRIOR APPLICATION NUMBER: 60/089514
;; PRIOR FILING DATE: 1998-06-16
;; PRIOR APPLICATION NUMBER: 60/089532
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089538
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089598
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089599
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089600
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089653
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089801
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089907
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089908
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089947
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/089948
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/089952
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/090246
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090252
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090254
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090349
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090355
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090429
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090431
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090435
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090444
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090445
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090472
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090535
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090540
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090542
;; PRIOR FILING DATE: 1998-06-24

;; PRIOR APPLICATION NUMBER: 60/090557
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090576
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090678
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090690
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090694
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090695
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090696
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090862
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/090863
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/091360
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091478
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091544
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091519
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091626
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091633
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091978
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLSLFLMGTPLSVSQTVLQALDALLVFPQVQALQSLTSPQHVTIRDYGVSWYQOR 60
Db 1 MACRCLSLFLMGTPLSVSQTVLQALDALLVFPQVQALQSLTSPQHVTIRDYGVSWYQOR 60
Qy 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLITISPVQEDDADYVCVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLITISPVQEDDADYVCVGYG 120
Qy 121 FSP 123
Db 121 FSP 123

RESULT 62
US-09-997-614-117
; Sequence 117, Application US/09997614
; Publication No. US30030124531A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrata, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.

APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P27301C29
CURRENT APPLICATION NUMBER: US/99/997,614
PRIORITY FILING DATE: 2001-11-15
PRIORITY APPLICATION NUMBER: 60/049787
PRIORITY FILING DATE: 1997-06-16
PRIORITY APPLICATION NUMBER: 60/062250
PRIORITY FILING DATE: 1997-10-17
PRIORITY APPLICATION NUMBER: 60/065186
PRIORITY FILING DATE: 1997-11-12
PRIORITY APPLICATION NUMBER: 60/065311
PRIORITY FILING DATE: 1997-11-13
PRIORITY APPLICATION NUMBER: 60/066770
PRIORITY FILING DATE: 1997-11-24
PRIORITY APPLICATION NUMBER: 60/075945
PRIORITY FILING DATE: 1998-02-25
PRIORITY APPLICATION NUMBER: 60/078910
PRIORITY FILING DATE: 1998-03-20
PRIORITY APPLICATION NUMBER: 60/083322
PRIORITY FILING DATE: 1998-04-28
PRIORITY APPLICATION NUMBER: 60/084600
PRIORITY FILING DATE: 1998-05-07
PRIORITY APPLICATION NUMBER: 60/087106
PRIORITY FILING DATE: 1998-05-28
PRIORITY APPLICATION NUMBER: 60/087607
PRIORITY FILING DATE: 1998-06-02
PRIORITY APPLICATION NUMBER: 60/088021
PRIORITY FILING DATE: 1998-06-04
PRIORITY APPLICATION NUMBER: 60/088025
PRIORITY FILING DATE: 1998-06-04
PRIORITY APPLICATION NUMBER: 60/088026
PRIORITY FILING DATE: 1998-06-04
PRIORITY APPLICATION NUMBER: 60/088028
PRIORITY FILING DATE: 1998-06-04
PRIORITY APPLICATION NUMBER: 60/088029
PRIORITY FILING DATE: 1998-06-04
PRIORITY APPLICATION NUMBER: 60/088030
PRIORITY FILING DATE: 1998-06-04
PRIORITY APPLICATION NUMBER: 60/088033
PRIORITY FILING DATE: 1998-06-04
PRIORITY APPLICATION NUMBER: 60/088326
PRIORITY FILING DATE: 1998-06-04
PRIORITY APPLICATION NUMBER: 60/088167
PRIORITY FILING DATE: 1998-06-05
PRIORITY APPLICATION NUMBER: 60/088202
PRIORITY FILING DATE: 1998-06-05
PRIORITY APPLICATION NUMBER: 60/088212
PRIORITY FILING DATE: 1998-06-05
PRIORITY APPLICATION NUMBER: 60/088217
PRIORITY FILING DATE: 1998-06-05
PRIORITY APPLICATION NUMBER: 60/088655
PRIORITY FILING DATE: 1998-06-09
PRIORITY APPLICATION NUMBER: 60/088734
PRIORITY FILING DATE: 1998-06-10
PRIORITY APPLICATION NUMBER: 60/088738
PRIORITY FILING DATE: 1998-06-10
PRIORITY APPLICATION NUMBER: 60/088742
PRIORITY FILING DATE: 1998-06-10
PRIORITY APPLICATION NUMBER: 60/088810
PRIORITY FILING DATE: 1998-06-10
PRIORITY APPLICATION NUMBER: 60/088824
PRIORITY FILING DATE: 1998-06-10
PRIORITY APPLICATION NUMBER: 60/088826
PRIORITY FILING DATE: 1998-06-10
PRIORITY APPLICATION NUMBER: 60/088858
PRIORITY FILING DATE: 1998-06-11
PRIORITY APPLICATION NUMBER: 60/088861
PRIORITY FILING DATE: 1998-06-11
PRIORITY APPLICATION NUMBER: 60/088876
PRIORITY FILING DATE: 1998-06-11
PRIORITY APPLICATION NUMBER: 60/089105
PRIORITY FILING DATE: 1998-06-12
PRIORITY APPLICATION NUMBER: 60/089440
PRIORITY FILING DATE: 1998-06-16
PRIORITY APPLICATION NUMBER: 60/089512
PRIORITY FILING DATE: 1998-06-16
PRIORITY APPLICATION NUMBER: 60/089514
PRIORITY FILING DATE: 1998-06-16
PRIORITY APPLICATION NUMBER: 60/089532
PRIORITY FILING DATE: 1998-06-17
PRIORITY APPLICATION NUMBER: 60/089538
PRIORITY FILING DATE: 1998-06-17
PRIORITY APPLICATION NUMBER: 60/089598
PRIORITY FILING DATE: 1998-06-17
PRIORITY APPLICATION NUMBER: 60/089599
PRIORITY FILING DATE: 1998-06-17
PRIORITY APPLICATION NUMBER: 60/089600
PRIORITY FILING DATE: 1998-06-17
PRIORITY APPLICATION NUMBER: 60/089653
PRIORITY FILING DATE: 1998-06-17
PRIORITY APPLICATION NUMBER: 60/089801
PRIORITY FILING DATE: 1998-06-18
PRIORITY APPLICATION NUMBER: 60/089907
PRIORITY FILING DATE: 1998-06-18
PRIORITY APPLICATION NUMBER: 60/089908
PRIORITY FILING DATE: 1998-06-18
PRIORITY APPLICATION NUMBER: 60/089947
PRIORITY FILING DATE: 1998-06-19
PRIORITY APPLICATION NUMBER: 60/089948
PRIORITY FILING DATE: 1998-06-19
PRIORITY APPLICATION NUMBER: 60/089952
PRIORITY FILING DATE: 1998-06-19
PRIORITY APPLICATION NUMBER: 60/090246
PRIORITY FILING DATE: 1998-06-22
PRIORITY APPLICATION NUMBER: 60/090252
PRIORITY FILING DATE: 1998-06-22
PRIORITY APPLICATION NUMBER: 60/090254
PRIORITY FILING DATE: 1998-06-22
PRIORITY APPLICATION NUMBER: 60/090349
PRIORITY FILING DATE: 1998-06-23
PRIORITY APPLICATION NUMBER: 60/090355
PRIORITY FILING DATE: 1998-06-23
PRIORITY APPLICATION NUMBER: 60/090429
PRIORITY FILING DATE: 1998-06-24
PRIORITY APPLICATION NUMBER: 60/090431
PRIORITY FILING DATE: 1998-06-24
PRIORITY APPLICATION NUMBER: 60/090435
PRIORITY FILING DATE: 1998-06-24
PRIORITY APPLICATION NUMBER: 60/090444
PRIORITY FILING DATE: 1998-06-24
PRIORITY APPLICATION NUMBER: 60/090445
PRIORITY FILING DATE: 1998-06-24
PRIORITY APPLICATION NUMBER: 60/090472
PRIORITY FILING DATE: 1998-06-24
PRIORITY APPLICATION NUMBER: 60/090535
PRIORITY FILING DATE: 1998-06-24
PRIORITY APPLICATION NUMBER: 60/090540
PRIORITY FILING DATE: 1998-06-24
PRIORITY APPLICATION NUMBER: 60/090542

; PRIOR FILING DATE: 1998-06-24
 ; PRIOR APPLICATION NUMBER: 60/090557
 ; PRIOR FILING DATE: 1998-06-24
 ; PRIOR APPLICATION NUMBER: 60/090676
 ; PRIOR FILING DATE: 1998-06-25
 ; PRIOR APPLICATION NUMBER: 60/090678
 ; PRIOR FILING DATE: 1998-06-25
 ; PRIOR APPLICATION NUMBER: 60/090690
 ; PRIOR FILING DATE: 1998-06-25
 ; PRIOR APPLICATION NUMBER: 60/090694
 ; PRIOR FILING DATE: 1998-06-25
 ; PRIOR APPLICATION NUMBER: 60/090695
 ; PRIOR FILING DATE: 1998-06-25
 ; PRIOR APPLICATION NUMBER: 60/090696
 ; PRIOR FILING DATE: 1998-06-25
 ; PRIOR APPLICATION NUMBER: 60/090862
 ; PRIOR FILING DATE: 1998-06-26
 ; PRIOR APPLICATION NUMBER: 60/090863
 ; PRIOR FILING DATE: 1998-06-26
 ; PRIOR APPLICATION NUMBER: 60/091360
 ; PRIOR FILING DATE: 1998-07-01
 ; PRIOR APPLICATION NUMBER: 60/091478
 ; PRIOR FILING DATE: 1998-07-02
 ; PRIOR APPLICATION NUMBER: 60/091544
 ; PRIOR FILING DATE: 1998-07-01
 ; PRIOR APPLICATION NUMBER: 60/091519
 ; PRIOR FILING DATE: 1998-07-02
 ; PRIOR APPLICATION NUMBER: 60/091626
 ; PRIOR FILING DATE: 1998-07-02
 ; PRIOR APPLICATION NUMBER: 60/091633
 ; PRIOR FILING DATE: 1998-07-02
 ; PRIOR APPLICATION NUMBER: 60/091978
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/091982
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/092182
 ; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 10; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MACRCLSFLLMGTFLLSVSTVLAQLDALLVFGQVAQLSCTLSPQHVITRDYGVSWYQOR	60
Db	1	MACRCLSFLLMGTFLLSVSTVLAQLDALLVFGQVAQLSCTLSPQHVITRDYGVSWYQOR	60
QY	61	AGSAPRYLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYGVGVG	120
Db	61	AGSAPRYLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYGVGVG	120
QY	121	FSP 123	
Db	121	FSP 123	

RESULT 63
 US-09-989-862-117
 ; Sequence 117, Application US/09989862
 ; Publication No. US20030130182A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.

; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2730P1C58
 ; CURRENT FILING DATE: 2001-11-19
 ; PRIOR APPLICATION NUMBER: 60/049787
 ; PRIOR FILING DATE: 1997-06-16
 ; PRIOR APPLICATION NUMBER: 60/062250
 ; PRIOR FILING DATE: 1997-10-17
 ; PRIOR APPLICATION NUMBER: 60/065186
 ; PRIOR FILING DATE: 1997-11-12
 ; PRIOR APPLICATION NUMBER: 60/065311
 ; PRIOR FILING DATE: 1997-11-13
 ; PRIOR APPLICATION NUMBER: 60/066770
 ; PRIOR FILING DATE: 1997-11-24
 ; PRIOR APPLICATION NUMBER: 60/075945
 ; PRIOR FILING DATE: 1998-02-25
 ; PRIOR APPLICATION NUMBER: 60/078910
 ; PRIOR FILING DATE: 1998-03-20
 ; PRIOR APPLICATION NUMBER: 60/083322
 ; PRIOR FILING DATE: 1998-04-28
 ; PRIOR APPLICATION NUMBER: 60/084600
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/087106
 ; PRIOR FILING DATE: 1998-05-28
 ; PRIOR APPLICATION NUMBER: 60/087607
 ; PRIOR FILING DATE: 1998-06-02
 ; PRIOR APPLICATION NUMBER: 60/087609
 ; PRIOR FILING DATE: 1998-06-02
 ; PRIOR APPLICATION NUMBER: 60/087759
 ; PRIOR FILING DATE: 1998-06-02
 ; PRIOR APPLICATION NUMBER: 60/087827
 ; PRIOR FILING DATE: 1998-06-03
 ; PRIOR APPLICATION NUMBER: 60/088021
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088025
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088026
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088028
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088029
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088030
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088033
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088326
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088167
 ; PRIOR FILING DATE: 1998-06-05
 ; PRIOR APPLICATION NUMBER: 60/088202
 ; PRIOR FILING DATE: 1998-06-05
 ; PRIOR APPLICATION NUMBER: 60/088212
 ; PRIOR FILING DATE: 1998-06-05
 ; PRIOR APPLICATION NUMBER: 60/088217
 ; PRIOR FILING DATE: 1998-06-05
 ; PRIOR APPLICATION NUMBER: 60/088655
 ; PRIOR FILING DATE: 1998-06-09
 ; PRIOR APPLICATION NUMBER: 60/088734
 ; PRIOR FILING DATE: 1998-06-10
 ; PRIOR APPLICATION NUMBER: 60/088738

RESULT 64
US-99-997-529-117
Sequence 117, Application US/09997529
Publication No. US20030134284A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gromaldi, J. Christopher

APPLICANT: Gurney,Austin L.
APPLICANT: Kljavin,Ivar J.
APPLICANT: Napier,Mary A.
APPLICANT: Pan,James
APPLICANT: Paoni,Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PIC33
CURRENT APPLICATION NUMBER: US/09/997,529
CURRENT FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088738
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088826
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088861
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088876
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089440
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089512
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089600
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090355
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090435
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090472
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090535
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090540

```

, PRIOR FILING DATE: 1998-06-24
, PRIOR APPLICATION NUMBER: 60/090542
, PRIOR FILING DATE: 1998-06-24
, PRIOR APPLICATION NUMBER: 60/090542
, PRIOR FILING DATE: 1998-06-24
, PRIOR APPLICATION NUMBER: 60/090557
, PRIOR FILING DATE: 1998-06-24
, PRIOR APPLICATION NUMBER: 60/090676
, PRIOR FILING DATE: 1998-06-25
, PRIOR APPLICATION NUMBER: 60/090678
, PRIOR FILING DATE: 1998-06-25
, PRIOR APPLICATION NUMBER: 60/090690
, PRIOR FILING DATE: 1998-06-25
, PRIOR APPLICATION NUMBER: 60/090694
, PRIOR FILING DATE: 1998-06-25
, PRIOR APPLICATION NUMBER: 60/090695
, PRIOR FILING DATE: 1998-06-25
, PRIOR APPLICATION NUMBER: 60/090696
, PRIOR FILING DATE: 1998-06-25
, PRIOR APPLICATION NUMBER: 60/090862
, PRIOR FILING DATE: 1998-06-26
, PRIOR APPLICATION NUMBER: 60/090863
, PRIOR FILING DATE: 1998-06-26
, PRIOR APPLICATION NUMBER: 60/091360
, PRIOR FILING DATE: 1998-07-01
, PRIOR APPLICATION NUMBER: 60/091478
, PRIOR FILING DATE: 1998-07-02
, PRIOR APPLICATION NUMBER: 60/091544
, PRIOR FILING DATE: 1998-07-01
, PRIOR APPLICATION NUMBER: 60/091519
, PRIOR FILING DATE: 1998-07-02
, PRIOR APPLICATION NUMBER: 60/091626
, PRIOR FILING DATE: 1998-07-02
, PRIOR APPLICATION NUMBER: 60/091633
, PRIOR FILING DATE: 1998-07-02
, PRIOR APPLICATION NUMBER: 60/091978
, PRIOR FILING DATE: 1998-07-07
, PRIOR APPLICATION NUMBER: 60/091982
, PRIOR FILING DATE: 1998-07-07
, PRIOR APPLICATION NUMBER: 60/092182
, PRIOR FILING DATE: 1998-07-09

```

1	APPLICANT:	Grimaldi, J. Christopher
2	APPLICANT:	Gurney, Austin L.
3	APPLICANT:	Kljavin, Ivar J.
4	APPLICANT:	Napier, Mary A.
5	APPLICANT:	Pan, James
6	APPLICANT:	Pacni, Nicholas F.
7	APPLICANT:	Roy, Margaret Ann
8	APPLICANT:	Stewart, Timothy A.
9	APPLICANT:	Tumas, Daniel
10	APPLICANT:	Watanabe, Colin K.
11	APPLICANT:	Williams, P. Mickey
12	APPLICANT:	Wood, William I.
13	APPLICANT:	Zhang, Zemin
14	TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic	
15	ACIDS Encoding the Same	
16	FILE REFERENCE:	P2730PIC71
17	CURRENT APPLICATION NUMBER:	US/09/989,725
18	CURRENT FILING DATE:	2001-11-20
19	PRIOR APPLICATION NUMBER:	60/049787
20	PRIOR FILING DATE:	1997-06-16
21	PRIOR APPLICATION NUMBER:	60/062250
22	PRIOR FILING DATE:	1997-10-17
23	PRIOR APPLICATION NUMBER:	60/065186
24	PRIOR FILING DATE:	1997-11-12
25	PRIOR APPLICATION NUMBER:	60/065311
26	PRIOR FILING DATE:	1997-11-13
27	PRIOR APPLICATION NUMBER:	60/066770
28	PRIOR FILING DATE:	1997-11-24
29	PRIOR APPLICATION NUMBER:	60/075945
30	PRIOR FILING DATE:	1998-02-25
31	PRIOR APPLICATION NUMBER:	60/078910
32	PRIOR FILING DATE:	1998-03-20
33	PRIOR APPLICATION NUMBER:	60/083322
34	PRIOR FILING DATE:	1998-04-28
35	PRIOR APPLICATION NUMBER:	60/084600
36	PRIOR FILING DATE:	1998-05-07
37	PRIOR APPLICATION NUMBER:	60/087106
38	PRIOR FILING DATE:	1998-05-28
39	PRIOR APPLICATION NUMBER:	60/087607
40	PRIOR FILING DATE:	1998-06-02
41	PRIOR APPLICATION NUMBER:	60/087609
42	PRIOR FILING DATE:	1998-06-02
43	PRIOR APPLICATION NUMBER:	60/087759
44	PRIOR FILING DATE:	1998-06-02
45	PRIOR APPLICATION NUMBER:	60/087827
46	PRIOR FILING DATE:	1998-06-03
47	PRIOR APPLICATION NUMBER:	60/088021
48	PRIOR FILING DATE:	1998-06-04
49	PRIOR APPLICATION NUMBER:	60/088025
50	PRIOR FILING DATE:	1998-06-04
51	PRIOR APPLICATION NUMBER:	60/088026
52	PRIOR FILING DATE:	1998-06-04
53	PRIOR APPLICATION NUMBER:	60/088028
54	PRIOR FILING DATE:	1998-06-04
55	PRIOR APPLICATION NUMBER:	60/088029
56	PRIOR FILING DATE:	1998-06-04
57	PRIOR APPLICATION NUMBER:	60/088030
58	PRIOR FILING DATE:	1998-06-04
59	PRIOR APPLICATION NUMBER:	60/088033
60	PRIOR FILING DATE:	1998-06-04
61	PRIOR APPLICATION NUMBER:	60/088326
62	PRIOR FILING DATE:	1998-06-04
63	PRIOR APPLICATION NUMBER:	60/088167
64	PRIOR FILING DATE:	1998-06-05
65	PRIOR APPLICATION NUMBER:	60/088202
66	PRIOR FILING DATE:	1998-06-05
67	PRIOR APPLICATION NUMBER:	60/088212
68	PRIOR FILING DATE:	1998-06-05
69	PRIOR APPLICATION NUMBER:	60/088217
70	PRIOR FILING DATE:	1998-06-05
71	PRIOR APPLICATION NUMBER:	60/088655
72	PRIOR FILING DATE:	1998-06-09
73	PRIOR APPLICATION NUMBER:	60/088734

1	PRIOR APPLICATION NUMBER: 60/090540
2	PRIOR FILING DATE: 1998-06-24
3	PRIOR APPLICATION NUMBER: 60/090542
4	PRIOR FILING DATE: 1998-06-24
5	PRIOR APPLICATION NUMBER: 60/090557
6	PRIOR FILING DATE: 1998-06-24
7	PRIOR APPLICATION NUMBER: 60/090676
8	PRIOR FILING DATE: 1998-06-25
9	PRIOR APPLICATION NUMBER: 60/090678
10	PRIOR FILING DATE: 1998-06-25
11	PRIOR APPLICATION NUMBER: 60/090699
12	PRIOR FILING DATE: 1998-06-25
13	PRIOR APPLICATION NUMBER: 60/090694
14	PRIOR FILING DATE: 1998-06-25
15	PRIOR APPLICATION NUMBER: 60/090695
16	PRIOR FILING DATE: 1998-06-25
17	PRIOR APPLICATION NUMBER: 60/090696
18	PRIOR FILING DATE: 1998-06-25
19	PRIOR APPLICATION NUMBER: 60/090862
20	PRIOR FILING DATE: 1998-06-26
21	PRIOR APPLICATION NUMBER: 60/090863
22	PRIOR FILING DATE: 1998-06-26
23	PRIOR APPLICATION NUMBER: 60/091360
24	PRIOR FILING DATE: 1998-07-01
25	PRIOR APPLICATION NUMBER: 60/091478
26	PRIOR FILING DATE: 1998-07-02
27	PRIOR APPLICATION NUMBER: 60/091544
28	PRIOR FILING DATE: 1998-07-01
29	PRIOR APPLICATION NUMBER: 60/091519
30	PRIOR FILING DATE: 1998-07-02
31	PRIOR APPLICATION NUMBER: 60/091626
32	PRIOR FILING DATE: 1998-07-02
33	PRIOR APPLICATION NUMBER: 60/091633
34	PRIOR FILING DATE: 1998-07-02
35	PRIOR APPLICATION NUMBER: 60/091978
36	PRIOR FILING DATE: 1998-07-07
37	PRIOR APPLICATION NUMBER: 60/091982
38	PRIOR FILING DATE: 1998-07-07
39	PRIOR APPLICATION NUMBER: 60/092182
40	PRIOR FILING DATE: 1998-07-09

```
Query Match      100.0%; Score 657; DB 10; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0
```

[illegible]

RESULT 66

US-09-983-733-117
Sequence 117, Application US/09898733
Publication NO. US2003028655A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnayers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey

```

APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C68
CURRENT APPLICATION NUMBER: US/09/989,733
CURRENT FILING DATE: 2001-11-01
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 532
SEQ ID NO 117
LENGTH: 123
TYPE: PRT
ORGANISM: Homo sapiens
US-09-989-733-117

Query Match 100.0%; Score 657; DB 11; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVLAQLSCTLSFQHVITRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVLAQLSCTLSFQHVITRDYGVSWYQQR 60
Qy 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYCSVGYG 120
Qy 121 FSP 123
Db 121 FSP 123

RESULT 67
US-09-992-643-117
Sequence 117, Application US/09992643
Publication No. US20030228656A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc

```

```

APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C13
CURRENT APPLICATION NUMBER: US/09/992,643
CURRENT FILING DATE: 2001-11-01
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 532
SEQ ID NO 117
LENGTH: 123
TYPE: PRT
ORGANISM: Homo sapiens
US-09-992-643-117

Query Match 100.0%; Score 657; DB 11; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVLAQLSCTLSFQHVITRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVLAQLSCTLSFQHVITRDYGVSWYQQR 60
Qy 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYCSVGYG 120
Qy 121 FSP 123
Db 121 FSP 123

RESULT 68
US-10-147-493-402
Sequence 402, Application US/10-147493

```



```
QY      121 FSP 123
Db      121 FSP 123

RESULT 71
US-10-143-118-402
; Sequence 402, Application US/10143118
; Publication No. US20040038335A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Goddard, Steven
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC228
; CURRENT APPLICATION NUMBER: US/10/143.118
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 50
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-143-118-402
Query Match      100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MACRCLSFLLMGTFLSVSQTFLAQDLALLVFPFGQVAQLSCTLSFQHVITIRDYGVSWYQQR 60
Db      1 MACRCLSFLLMGTFLSVSQTFLAQDLALLVFPFGQVAQLSCTLSFQHVITIRDYGVSWYQQR 60

QY      61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
Db      61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120

QY      121 FSP 123
Db      121 FSP 123

RESULT 73
US-10-158-787-402
; Sequence 402, Application US/10158787
; Publication No. US20040039164A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC449
; CURRENT APPLICATION NUMBER: US/10/158.787
; CURRENT FILING DATE: 2003-04-03
; Prior Application Number: 60/049911
; Prior Filing Date: 1997-06-18
; Prior Application Number: 60/056974
; Prior Filing Date: 1997-08-26
; Prior Application Number: 60/059113
; Prior Filing Date: 1997-09-17
; Prior Application Number: 60/059115
; Prior Filing Date: 1997-09-17
; Prior Application Number: 60/059117

QY      121 FSP 123
Db      121 FSP 123

RESULT 75
US-10-144-993-402
; Sequence 402, Application US/10144993
; Publication No. US20040038336A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC449
; CURRENT APPLICATION NUMBER: US/10/144.993
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 50
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-144-993-402
Query Match      100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MACRCLSFLLMGTFLSVSQTFLAQDLALLVFPFGQVAQLSCTLSFQHVITIRDYGVSWYQQR 60
Db      1 MACRCLSFLLMGTFLSVSQTFLAQDLALLVFPFGQVAQLSCTLSFQHVITIRDYGVSWYQQR 60

QY      61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
Db      61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120

QY      121 FSP 123
Db      121 FSP 123

RESULT 76
US-10-144-993-402
; Sequence 402, Application US/10144993
; Publication No. US20040038336A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC449
; CURRENT APPLICATION NUMBER: US/10/144.993
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 50
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-144-993-402
Query Match      100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MACRCLSFLLMGTFLSVSQTFLAQDLALLVFPFGQVAQLSCTLSFQHVITIRDYGVSWYQQR 60
Db      1 MACRCLSFLLMGTFLSVSQTFLAQDLALLVFPFGQVAQLSCTLSFQHVITIRDYGVSWYQQR 60

QY      61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
Db      61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120

QY      121 FSP 123
Db      121 FSP 123
```

```
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-158-787-402

Query Match
Best Local Similarity 100.0%; Score 657; DB 12; Length 123;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db |||||
QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db |||||
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
Db |||||
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
Db |||||
QY 121 FSP 123
Db |||||
QY 121 FSP 123
Db |||||

RESULT 74
US-10-140-024-402
; Sequence 402, Application US/10140024
; Publication No. US20040058424A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C69
; CURRENT APPLICATION NUMBER: US/10/140,024
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-024-402

Query Match
Best Local Similarity 100.0%; Score 657; DB 12; Length 123;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db |||||
QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db |||||
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
Db |||||
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
Db |||||
QY 121 FSP 123
Db |||||
QY 121 FSP 123
Db |||||
```

```
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db |||||
QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db |||||
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
Db |||||
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
Db |||||
QY 121 FSP 123
Db |||||
QY 121 FSP 123
Db |||||

RESULT 75
US-09-989-724-117
; Sequence 117, Application US/09989724
; Publication No. US20030017476A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Borstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C67
; CURRENT APPLICATION NUMBER: US/09/989,724
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
```

1 PRIOR APPLICATION NUMBER: 60/087759
2 PRIOR FILING DATE: 1998-06-02
3 PRIOR APPLICATION NUMBER: 60/087827
4 PRIOR FILING DATE: 1998-06-03
5 PRIOR APPLICATION NUMBER: 60/088021
6 PRIOR FILING DATE: 1998-06-04
7 PRIOR APPLICATION NUMBER: 60/088025
8 PRIOR FILING DATE: 1998-06-04
9 PRIOR APPLICATION NUMBER: 60/088026
10 PRIOR FILING DATE: 1998-06-04
11 PRIOR APPLICATION NUMBER: 60/088028
12 PRIOR FILING DATE: 1998-06-04
13 PRIOR APPLICATION NUMBER: 60/088029
14 PRIOR FILING DATE: 1998-06-04
15 PRIOR APPLICATION NUMBER: 60/088030
16 PRIOR FILING DATE: 1998-06-04
17 PRIOR APPLICATION NUMBER: 60/088033
18 PRIOR FILING DATE: 1998-06-04
19 PRIOR APPLICATION NUMBER: 60/088326
20 PRIOR FILING DATE: 1998-06-04
21 PRIOR APPLICATION NUMBER: 60/088167
22 PRIOR FILING DATE: 1998-06-05
23 PRIOR APPLICATION NUMBER: 60/088202
24 PRIOR FILING DATE: 1998-06-05
25 PRIOR APPLICATION NUMBER: 60/088212
26 PRIOR FILING DATE: 1998-06-05
27 PRIOR APPLICATION NUMBER: 60/088217
28 PRIOR FILING DATE: 1998-06-05
29 PRIOR APPLICATION NUMBER: 60/088655
30 PRIOR FILING DATE: 1998-06-09
31 PRIOR APPLICATION NUMBER: 60/088734
32 PRIOR FILING DATE: 1998-06-10
33 PRIOR APPLICATION NUMBER: 60/088738
34 PRIOR FILING DATE: 1998-06-10
35 PRIOR APPLICATION NUMBER: 60/088742
36 PRIOR FILING DATE: 1998-06-10
37 PRIOR APPLICATION NUMBER: 60/088810
38 PRIOR FILING DATE: 1998-06-10
39 PRIOR APPLICATION NUMBER: 60/088824
40 PRIOR FILING DATE: 1998-06-10
41 PRIOR APPLICATION NUMBER: 60/088826
42 PRIOR FILING DATE: 1998-06-10
43 PRIOR APPLICATION NUMBER: 60/088858
44 PRIOR FILING DATE: 1998-06-11
45 PRIOR APPLICATION NUMBER: 60/088861
46 PRIOR FILING DATE: 1998-06-11
47 PRIOR APPLICATION NUMBER: 60/088876
48 PRIOR FILING DATE: 1998-06-11
49 PRIOR APPLICATION NUMBER: 60/089105
50 PRIOR FILING DATE: 1998-06-12
51 PRIOR APPLICATION NUMBER: 60/089440
52 PRIOR FILING DATE: 1998-06-16
53 PRIOR APPLICATION NUMBER: 60/089512
54 PRIOR FILING DATE: 1998-06-16
55 PRIOR APPLICATION NUMBER: 60/089514
56 PRIOR FILING DATE: 1998-06-16
57 PRIOR APPLICATION NUMBER: 60/089532
58 PRIOR FILING DATE: 1998-06-17
59 PRIOR APPLICATION NUMBER: 60/089538
60 PRIOR FILING DATE: 1998-06-17
61 PRIOR APPLICATION NUMBER: 60/089598
62 PRIOR FILING DATE: 1998-06-17
63 PRIOR APPLICATION NUMBER: 60/089599
64 PRIOR FILING DATE: 1998-06-17
65 PRIOR APPLICATION NUMBER: 60/089600
66 PRIOR FILING DATE: 1998-06-17
67 PRIOR APPLICATION NUMBER: 60/089653
68 PRIOR FILING DATE: 1998-06-17
69 PRIOR APPLICATION NUMBER: 60/089801
70 PRIOR FILING DATE: 1998-06-18
71 PRIOR APPLICATION NUMBER: 60/089907
72 PRIOR FILING DATE: 1998-06-18
73 PRIOR APPLICATION NUMBER: 60/089908

74 PRIOR FILING DATE: 1998-06-18
75 PRIOR APPLICATION NUMBER: 60/089947
76 PRIOR FILING DATE: 1998-06-19
77 PRIOR APPLICATION NUMBER: 60/089948
78 PRIOR FILING DATE: 1998-06-19
79 PRIOR APPLICATION NUMBER: 60/089952
80 PRIOR FILING DATE: 1998-06-19
81 PRIOR APPLICATION NUMBER: 60/090246
82 PRIOR FILING DATE: 1998-06-22
83 PRIOR APPLICATION NUMBER: 60/090252
84 PRIOR FILING DATE: 1998-06-22
85 PRIOR APPLICATION NUMBER: 60/090254
86 PRIOR FILING DATE: 1998-06-22
87 PRIOR APPLICATION NUMBER: 60/090349
88 PRIOR FILING DATE: 1998-06-23
89 PRIOR APPLICATION NUMBER: 60/090355
90 PRIOR FILING DATE: 1998-06-23
91 PRIOR APPLICATION NUMBER: 60/090429
92 PRIOR FILING DATE: 1998-06-24
93 PRIOR APPLICATION NUMBER: 60/090431
94 PRIOR FILING DATE: 1998-06-24
95 PRIOR APPLICATION NUMBER: 60/090435
96 PRIOR FILING DATE: 1998-06-24
97 PRIOR APPLICATION NUMBER: 60/090444
98 PRIOR FILING DATE: 1998-06-24
99 PRIOR APPLICATION NUMBER: 60/090445
100 PRIOR FILING DATE: 1998-06-24
101 PRIOR APPLICATION NUMBER: 60/090472
102 PRIOR FILING DATE: 1998-06-24
103 PRIOR APPLICATION NUMBER: 60/090535
104 PRIOR FILING DATE: 1998-06-24
105 PRIOR APPLICATION NUMBER: 60/090540
106 PRIOR FILING DATE: 1998-06-24
107 PRIOR APPLICATION NUMBER: 60/090542
108 PRIOR FILING DATE: 1998-06-24
109 PRIOR APPLICATION NUMBER: 60/090557
110 PRIOR FILING DATE: 1998-06-24
111 PRIOR APPLICATION NUMBER: 60/090676
112 PRIOR FILING DATE: 1998-06-25
113 PRIOR APPLICATION NUMBER: 60/090678
114 PRIOR FILING DATE: 1998-06-25
115 PRIOR APPLICATION NUMBER: 60/090690
116 PRIOR FILING DATE: 1998-06-25
117 PRIOR APPLICATION NUMBER: 60/090694
118 PRIOR FILING DATE: 1998-06-25
119 PRIOR APPLICATION NUMBER: 60/090695
120 PRIOR FILING DATE: 1998-06-25
121 PRIOR APPLICATION NUMBER: 60/090696
122 PRIOR FILING DATE: 1998-06-25
123 PRIOR APPLICATION NUMBER: 60/090862
124 PRIOR FILING DATE: 1998-06-26
125 PRIOR APPLICATION NUMBER: 60/090863
126 PRIOR FILING DATE: 1998-06-26
127 PRIOR APPLICATION NUMBER: 60/091360
128 PRIOR FILING DATE: 1998-07-01
129 PRIOR APPLICATION NUMBER: 60/091478
130 PRIOR FILING DATE: 1998-07-02
131 PRIOR APPLICATION NUMBER: 60/091544
132 PRIOR FILING DATE: 1998-07-01
133 PRIOR APPLICATION NUMBER: 60/091519
134 PRIOR FILING DATE: 1998-07-02
135 PRIOR APPLICATION NUMBER: 60/091626
136 PRIOR FILING DATE: 1998-07-02
137 PRIOR APPLICATION NUMBER: 60/091633
138 PRIOR FILING DATE: 1998-07-02
139 PRIOR APPLICATION NUMBER: 60/091978
140 PRIOR FILING DATE: 1998-07-07
141 PRIOR APPLICATION NUMBER: 60/091982
142 PRIOR FILING DATE: 1998-07-07
143 PRIOR APPLICATION NUMBER: 60/092182
144 PRIOR FILING DATE: 1998-07-09

Query Match

100.0%; Score 657; DB 12; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSELMGTFLVSQTVLAQIDALLVPPGVAQISCTLSPOHVTIRYGVSWYQOR 60
DB 1 MACRCLSELMGTFLVSQTVLAQIDALLVPPGVAQISCTLSPOHVTIRYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 76

US-09-989-728-117
; Sequence 117, Application US/09989728
; Publication No. US20030017981A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC72
; CURRENT APPLICATION NUMBER: US/09/989,728
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609

; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088028
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088030
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18

PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090355
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090435
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090472
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090535
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090540
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090542
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090676
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090678
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090690
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090694
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090695
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090696
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090862
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091478
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091544
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091626
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091633
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091978
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVSQTVLALQDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60
Db 1 MACRCLSFLLMGTFLSVSQTVLALQDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLITSPVQPEDDADYCVSVYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLITSPVQPEDDADYCVSVYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 77

US-09-990-441-117
Sequence 117, Application US/09990441
Publication No. US20030017982A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tunes, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: P2730P1C47
CURRENT APPLICATION NUMBER: US/09/990,441
CURRENT FILING DATE: 2001-11-16
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02

PRIOR FILING DATE	1998-06-18
PRIOR APPLICATION NUMBER:	60/089908
PRIOR FILING DATE:	1998-06-18
PRIOR APPLICATION NUMBER:	60/089947
PRIOR FILING DATE:	1998-06-19
PRIOR APPLICATION NUMBER:	60/089948
PRIOR FILING DATE:	1998-06-19
PRIOR APPLICATION NUMBER:	60/089952
PRIOR FILING DATE:	1998-06-19
PRIOR APPLICATION NUMBER:	60/090246
PRIOR FILING DATE:	1998-06-22
PRIOR APPLICATION NUMBER:	60/090252
PRIOR FILING DATE:	1998-06-22
PRIOR APPLICATION NUMBER:	60/090254
PRIOR FILING DATE:	1998-06-22
PRIOR APPLICATION NUMBER:	60/090349
PRIOR FILING DATE:	1998-06-23
PRIOR APPLICATION NUMBER:	60/090355
PRIOR FILING DATE:	1998-06-23
PRIOR APPLICATION NUMBER:	60/090429
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090431
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090435
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090444
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090445
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090472
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090535
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090540
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090542
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090557
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090676
PRIOR FILING DATE:	1998-06-25
PRIOR APPLICATION NUMBER:	60/090678
PRIOR FILING DATE:	1998-06-25
PRIOR APPLICATION NUMBER:	60/090690
PRIOR FILING DATE:	1998-06-25
PRIOR APPLICATION NUMBER:	60/090694
PRIOR FILING DATE:	1998-06-25
PRIOR APPLICATION NUMBER:	60/090695
PRIOR FILING DATE:	1998-06-25
PRIOR APPLICATION NUMBER:	60/090696
PRIOR FILING DATE:	1998-06-25
PRIOR APPLICATION NUMBER:	60/090862
PRIOR FILING DATE:	1998-06-26
PRIOR APPLICATION NUMBER:	60/090863
PRIOR FILING DATE:	1998-06-26
PRIOR APPLICATION NUMBER:	60/091360
PRIOR FILING DATE:	1998-07-01
PRIOR APPLICATION NUMBER:	60/091478
PRIOR FILING DATE:	1998-07-02
PRIOR APPLICATION NUMBER:	60/091544
PRIOR FILING DATE:	1998-07-01
PRIOR APPLICATION NUMBER:	60/091578
PRIOR FILING DATE:	1998-07-07
PRIOR APPLICATION NUMBER:	60/091582
PRIOR FILING DATE:	1998-07-07
PRIOR APPLICATION NUMBER:	60/092182
PRIOR FILING DATE:	1998-07-07

;; PRIOR APPLICATION NUMBER: 60/088326
;; PRIOR FILING DATE: 1998-06-04
;; PRIOR APPLICATION NUMBER: 60/088167
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/088202
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/088212
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/088217
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/088655
;; PRIOR FILING DATE: 1998-06-09
;; PRIOR APPLICATION NUMBER: 60/088734
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088738
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088742
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088810
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088824
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088826
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088858
;; PRIOR FILING DATE: 1998-06-11
;; PRIOR APPLICATION NUMBER: 60/088861
;; PRIOR FILING DATE: 1998-06-11
;; PRIOR APPLICATION NUMBER: 60/088876
;; PRIOR FILING DATE: 1998-06-11
;; PRIOR APPLICATION NUMBER: 60/089105
;; PRIOR FILING DATE: 1998-06-12
;; PRIOR APPLICATION NUMBER: 60/089440
;; PRIOR FILING DATE: 1998-06-16
;; PRIOR APPLICATION NUMBER: 60/089512
;; PRIOR FILING DATE: 1998-06-16
;; PRIOR APPLICATION NUMBER: 60/089514
;; PRIOR FILING DATE: 1998-06-16
;; PRIOR APPLICATION NUMBER: 60/089532
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089538
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089598
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089599
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089600
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089653
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089801
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089907
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089908
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089947
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/089948
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/089952
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/090246
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090252
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090254
;; PRIOR FILING DATE: 1998-06-22
;; PRIOR APPLICATION NUMBER: 60/090349
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090355
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090429

;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090431
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090435
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090444
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090445
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090472
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090535
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090540
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090542
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090557
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090676
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090678
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090690
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090694
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090695
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090696
;; PRIOR FILING DATE: 1998-06-25
;; PRIOR APPLICATION NUMBER: 60/090862
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/090863
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/091360
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091478
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091544
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091519
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091626
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091633
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091978
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MACRCLSFLLMGTFLSVSTVLAQDALLVPPGVAQLSCTLSQHVITIRYGVSWYQOR	60
Db	1	MACRCLSFLLMGTFLSVSTVLAQDALLVPPGVAQLSCTLSQHVITIRYGVSWYQOR	60
QY	61	AGSAPRYLLYRSEEDHHRPADIPIDRFSAAKDEAHNACVLTISPVQPEDDADYICSVGYG	120
Db	61	AGSAPRYLLYRSEEDHHRPADIPIDRFSAAKDEAHNACVLTISPVQPEDDADYICSVGYG	120
QY	121	FSP	123
Db	121	FSP	123

RESULT 80
US-09-997-641-117

Sequence 117, Application US/09997641
Publication No. US20030224358A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Geritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C39
CURRENT APPLICATION NUMBER: US/09/997,641
CURRENT FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088738
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088826
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088861
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088876
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089440
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089512
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089600
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090355
PRIOR FILING DATE: 1998-06-23

; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090535
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090540
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090542
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090676
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090678
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090690
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090694
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090696
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 81

US-09-991-150-117
; Sequence 117, Application US/09991150
; Publication No. US20030194760A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Katanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C48
; CURRENT APPLICATION NUMBER: US/09/991,150
; CURRENT FILING DATE: 2001-11-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 532
; SEQ ID NO 117
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-991-150-117

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 82
US-10-152-405-402
; Sequence 402, Application US/10152405
; Publication No. US20030211571A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnovers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.

```

; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C83
; CURRENT FILING DATE: 2002-10-15
; CURRENT APPLICATION NUMBER: US/10/127,852A
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-152-405-402

```

```

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACCLSLFLMGTFLSVQTVLAQLDALLVFPQGVQVQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACCLSLFLMGTFLSVQTVLAQLDALLVFPQGVQVQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEDEHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYCVSVGYG 120
Db 61 AGSAPRYLLYRSEDEHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYCVSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

```

```

RESULT 83
US-10-127-852A-402
; Sequence 402, Application US/10127852A
; Publication No. US20030203428A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C88
; CURRENT FILING DATE: 2002-10-15
; CURRENT APPLICATION NUMBER: US/10/127,852A
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117

```

```

; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-127-852A-402

```

```

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACCLSLFLMGTFLSVQTVLAQLDALLVFPQGVQVQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACCLSLFLMGTFLSVQTVLAQLDALLVFPQGVQVQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEDEHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYCVSVGYG 120
Db 61 AGSAPRYLLYRSEDEHRRPADIPDRFSAKDEAHNACVLTISPVPQEDDADYCVSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

```

```

RESULT 84
US-10-127-900A-402
; Sequence 402, Application US/10127900A
; Publication No. US20030203429A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C81
; CURRENT FILING DATE: 2002-10-15
; CURRENT APPLICATION NUMBER: US/10/127,900A
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117

```

; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-900A-402

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFILSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFILSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVPEDDADYCVSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVPEDDADYCVSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 85
US-10-128-685A-402
; Sequence 402, Application US/10128685A
; Publication No. US20030203430A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C116
; CURRENT APPLICATION NUMBER: US/10/128,685A
; CURRENT FILING DATE: 2002-04-23
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17

; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-128-685A-402

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFILSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFILSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVPEDDADYCVSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVPEDDADYCVSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 86
US-10-131-820A-402
; Sequence 402, Application US/10131820A
; Publication No. US20030203431A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C144
; CURRENT APPLICATION NUMBER: US/10/131,820A
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059184
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059263
 ; PRIOR FILING DATE: 1997-09-18
 ; PRIOR APPLICATION NUMBER: 60/059352
 ; PRIOR FILING DATE: 1997-09-19
 ; PRIOR APPLICATION NUMBER: 60/059588
 ; PRIOR FILING DATE: 1997-09-19
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-131-820A-402

Query Match 100.0%; Score 657; DB 12; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120
 QY 121 FSP 123
 DB 121 FSP 123

RESULT 87

US-10-142-886-402
 ; Sequence 402, Application US/10142886
 ; Publication No. US20030203432A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330RIC236
 ; CURRENT APPLICATION NUMBER: US/10/142,886
 ; CURRENT FILING DATE: 2002-05-10
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-142-886-402

Query Match 100.0%; Score 657; DB 12; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60

DB 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120
 QY 121 FSP 123
 DB 121 FSP 123

RESULT 88

US-10-146-728-402
 ; Sequence 402, Application US/10146728
 ; Publication No. US20030203437A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330RIC321
 ; CURRENT APPLICATION NUMBER: US/10/146,728
 ; CURRENT FILING DATE: 2002-05-15
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-146-728-402

Query Match 100.0%; Score 657; DB 12; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISFVQPEDDADYYCSVGYG 120
 QY 121 FSP 123
 DB 121 FSP 123

RESULT 89

US-10-146-786-402
 ; Sequence 402, Application US/10146786
 ; Publication No. US20030203438A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc


```

; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC313
; CURRENT APPLICATION NUMBER: US/10/146,786
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-146-786-402

Query Match 100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Prd No. 3 4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0

QY 1 MACRCLSFLLMGTFPLSVSQTVAQLDALLVPPGVOAQLSTLSPQHVTIRDYGVSNVYQQR 60
Db 1 MACRCLSFLLMGTFPLSVSQTVAQLDALLVPPGVOAQLSTLSPQHVTIRDYGVSNVYQQR 60

QY 61 AGSAPRYLLYVESEEDHHRPADI PDRFSAKDEAHNAACVLTI SPVOPEDDADYCSGVYG 120
Db 61 AGSAPRYLLYVESEEDHHRPADI PDRFSAKDEAHNAACVLTI SPVOPEDDADYCSGVYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 90
US-10-147-499-402
; Sequence 402, Application US/10147499
; Publication No. US20030203439A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC348
; CURRENT APPLICATION NUMBER: US/10/147,499
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402

```

```

; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-499-402

Query Match      100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCISFLMGTFSLVSQTVLAQDALLVFPQGVAGLSCITLSPQHVTIRDYGVSWSYQQR 60
DB 1 MACRCISFLMGTFSLVSQTVLAQDALLVFPQGVAGLSCITLSPQHVTIRDYGVSWSYQQR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 91
US-10-157-798-402
; Sequence 402, Application US/10157798
; Publication No. US20030203440A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C443
; CURRENT APPLICATION NUMBER: US/10/157,798
; CURRENT FILING DATE: 2002-05-29
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-157-798-402

Query Match      100.0%; Score 657; DB 12; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCISFLMGTFSLVSQTVLAQDALLVFPQGVAGLSCITLSPQHVTIRDYGVSWSYQQR 60
DB 1 MACRCISFLMGTFSLVSQTVLAQDALLVFPQGVAGLSCITLSPQHVTIRDYGVSWSYQQR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

```

RESULT 92
US-10-028-072-402
; Sequence 402, Application US/10028072
; Publication No. US20030004311A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang
; TITLE OF INVENTION:
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/028,072
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/063127
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063327
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063329
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063550
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063561
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063704
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063733
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063735
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063738
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064248
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/064809
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065846
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/066453
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/069212
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069278
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069334
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069694
; PRIOR FILING DATE: 1997-12-16
; PRIOR APPLICATION NUMBER: 60/072320
; PRIOR FILING DATE: 1998-01-23
; PRIOR APPLICATION NUMBER: 60/073612
; PRIOR FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: 60/074086
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/074092
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081695
; PRIOR FILING DATE: 1998-04-14
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081818
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082999
; PRIOR FILING DATE: 1998-04-24
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627

```

; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085149
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086414
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/086430
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088730
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088741
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 19/98-06-11
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090538
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Gaps 0;

QY      1  MACRCLSLFLMGTFSLVSQTVLAQLDALLVFPQVQAQLSCTLSFQHVHTIRDYGVSWYQQR 60
Db      1  MACRCLSLFLMGTFSLVSQTVLAQLDALLVFPQVQAQLSCTLSFQHVHTIRDYGVSWYQQR 60

QY      61  AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLITISFVQPEDDADYCVSVGYG 120
Db      61  AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLITISFVQPEDDADYCVSVGYG 120

QY      121 FSP 123
Db      121 FSP 123
```

```

RESULT 93
US-10-121-049-402
; Sequence 402, Application US/10121049
; Publication No. US2003002239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zetian
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C17
; CURRENT APPLICATION NUMBER: US/10/121.049
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-049-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Gaps 0;

QY      1  MACRCLSLFLMGTFSLVSQTVLAQLDALLVFPQVQAQLSCTLSFQHVHTIRDYGVSWYQQR 60
Db      1  MACRCLSLFLMGTFSLVSQTVLAQLDALLVFPQVQAQLSCTLSFQHVHTIRDYGVSWYQQR 60

QY      61  AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLITISFVQPEDDADYCVSVGYG 120
Db      61  AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLITISFVQPEDDADYCVSVGYG 120

QY      121 FSP 123
Db      121 FSP 123

RESULT 94
US-10-123-904-402
; Sequence 402, Application US/10123904
; Publication No. US20030022328A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
```

```
/ APPLICANT: Watanabe, Colin K
/ APPLICANT: Wood, William
/ APPLICANT: Zhang, Zemin
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ TITLE OF INVENTION: ACIDS ENCODING THE SAME
/ FILE REFERENCE: P3330R1C54
/ CURRENT APPLICATION NUMBER: US/10/123.904
/ CURRENT FILING DATE: 2002-04-16
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO 402
/ LENGTH: 123
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-123-904-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTFLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVQTFLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYYRSEEDHHRPADIPDRFSAKDEAHNACVLTISVPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHHRPADIPDRFSAKDEAHNACVLTISVPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 95
US-10-140-470-402
/ Sequence 402, Application US/10140470
/ Publication No. US20030022331A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Beresini, Maureen
/ APPLICANT: DeForge, Laura
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Sherwood, Steven
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tamas, Daniel
/ APPLICANT: Watanabe, Colin K
/ APPLICANT: Wood, William
/ APPLICANT: Zhang, Zemin
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3330R1C160
/ CURRENT APPLICATION NUMBER: US/10/140,470
/ CURRENT FILING DATE: 2002-05-06
/ Prior Application removed - See Palm or File Wrapper
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO 402
/ LENGTH: 123
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-140-470-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTFLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVQTFLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYYRSEEDHHRPADIPDRFSAKDEAHNACVLTISVPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHHRPADIPDRFSAKDEAHNACVLTISVPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 96
US-10-175-746-402
/ Sequence 402, Application US/10175746
/ Publication No. US20030027270A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Beresini, Maureen
/ APPLICANT: DeForge, Laura
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Sherwood, Steven
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tamas, Daniel
/ APPLICANT: Watanabe, Colin K
/ APPLICANT: Wood, William
/ APPLICANT: Zhang, Zemin
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3330R1C353
/ CURRENT APPLICATION NUMBER: US/10/175,746
/ CURRENT FILING DATE: 2002-06-19
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO 402
/ LENGTH: 123
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-175-746-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTFLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVQTFLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYYRSEEDHHRPADIPDRFSAKDEAHNACVLTISVPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHHRPADIPDRFSAKDEAHNACVLTISVPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 97
US-10-176-918-402
/ Sequence 402, Application US/10176918
/ Publication No. US20030027275A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Beresini, Maureen
/ APPLICANT: DeForge, Laura
/ APPLICANT: Desnoyers, Luc
```

```
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Goddard, Steven
; APPLICANT: Gurney, Austin L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C382
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-918-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITSPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITSPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 98
US-10-176-921-402
; Sequence 402, Application US/10176921
; Publication No. US2003002726A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C288
; CURRENT FILING DATE: 2002-05-03
; CURRENT APPLICATION NUMBER: US/10/176,921
; Prior Application removed - See File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-921-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITSPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITSPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123
```

```
; LENGTH: 123
; TYPE: PRT
US-10-176-921-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITSPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITSPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 99
US-10-137-865-402
; Sequence 402, Application US/10137865
; Publication No. US20030032155A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C154
; CURRENT FILING DATE: 2002-05-03
; CURRENT APPLICATION NUMBER: US/10/137,865
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-137-865-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITSPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITSPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123
```

RESULT 100
 US-10-140-474-402
 ; Sequence 402, Application US/10140474
 ; Publication No. US20030032156A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C162
 ; CURRENT APPLICATION NUMBER: US/10/140,474
 ; CURRENT FILING DATE: 2002-05-06
 ; Prior Application removed - See Palm or File Wrapper
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-140-474-402

Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTVAQLDALLVPPGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSFLLMGTFLSVQTVAQLDALLVPPGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYRSSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120

QY 121 FSP 123
 DB 121 FSP 123

RESULT 101
 US-10-142-431-402
 ; Sequence 402, Application US/10142431
 ; Publication No. US20030036179A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C211
 ; CURRENT APPLICATION NUMBER: US/10/143,114
 ; CURRENT FILING DATE: 2002-05-09
 ; Prior Application removed - See Palm or File Wrapper
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-142-431-402

Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTVAQLDALLVPPGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSFLLMGTFLSVQTVAQLDALLVPPGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYRSSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120

QY 121 FSP 123
 DB 121 FSP 123

APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3330R1C251
 CURRENT APPLICATION NUMBER: US/10/142,431
 CURRENT FILING DATE: 2002-05-10
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 402
 LENGTH: 123
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-142-431-402

Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTVAQLDALLVPPGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSFLLMGTFLSVQTVAQLDALLVPPGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYRSSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120

QY 121 FSP 123
 DB 121 FSP 123

RESULT 102
 US-10-143-114-402
 ; Sequence 402, Application US/10143114
 ; Publication No. US20030036180A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C211
 ; CURRENT APPLICATION NUMBER: US/10/143,114
 ; CURRENT FILING DATE: 2002-05-09
 ; Prior Application removed - See Palm or File Wrapper
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-143-114-402

Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTVAQLDALLVPPGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSFLLMGTFLSVQTVAQLDALLVPPGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYRSSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120

QY 121 FSP 123
 DB 121 FSP 123

Db 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 103

US-10-140-002-402
; Sequence 402, Application US/10140002
; Publication No. US20030037623A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C59
; CURRENT APPLICATION NUMBER: US/10/140,002
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-002-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 104

US-10-142-419-402
; Sequence 402, Application US/10142419
; Publication No. US2003004945A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C244
; CURRENT APPLICATION NUMBER: US/10/142,419
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-419-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVSQTVLAQLDALLVFFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 105

US-10-123-262-402
; Sequence 402, Application US/10123262
; Publication No. US20030049816A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C38
; CURRENT APPLICATION NUMBER: US/10/123,262
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123

```

; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-262-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACCLSFLLMGTFLSVSQTSLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACCLSFLLMGTFLSVSQTSLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60

Qy 61 AGSAPRYLLYRSSEDDHRRPADIPDRFSAKDEAHNACVLTISFPQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSSEDDHRRPADIPDRFSAKDEAHNACVLTISFPQPEDDADYYCSVGYG 120

Qy 121 FSP 123
Db 121 FSP 123

RESULT 106
US-10-142-423-402
; Sequence 402, Application US/10142423
; Publication No. US20030049817A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C249
; CURRENT APPLICATION NUMBER: US/10/142.423
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-423-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACCLSFLLMGTFLSVSQTSLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACCLSFLLMGTFLSVSQTSLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60

Qy 61 AGSAPRYLLYRSSEDDHRRPADIPDRFSAKDEAHNACVLTISFPQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSSEDDHRRPADIPDRFSAKDEAHNACVLTISFPQPEDDADYYCSVGYG 120

Qy 121 FSP 123
Db 121 FSP 123

US-10-142-423-402
; Sequence 402, Application US/10142423
; Publication No. US20030049817A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C249
; CURRENT APPLICATION NUMBER: US/10/142.423
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-423-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACCLSFLLMGTFLSVSQTSLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACCLSFLLMGTFLSVSQTSLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60

Qy 61 AGSAPRYLLYRSSEDDHRRPADIPDRFSAKDEAHNACVLTISFPQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSSEDDHRRPADIPDRFSAKDEAHNACVLTISFPQPEDDADYYCSVGYG 120

Qy 121 FSP 123
Db 121 FSP 123
```

```

RESULT 107
US-10-121-050-402
; Sequence 402, Application US/10121050
; Publication No. US20030054516A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C20
; CURRENT APPLICATION NUMBER: US/10/121.050
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-050-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACCLSFLLMGTFLSVSQTSLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACCLSFLLMGTFLSVSQTSLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60

Qy 61 AGSAPRYLLYRSSEDDHRRPADIPDRFSAKDEAHNACVLTISFPQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSSEDDHRRPADIPDRFSAKDEAHNACVLTISFPQPEDDADYYCSVGYG 120

Qy 121 FSP 123
Db 121 FSP 123

RESULT 108
US-10-141-755-402
; Sequence 402, Application US/10141755
; Publication No. US20030054517A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
```



```
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C192
; CURRENT APPLICATION NUMBER: US/10/141,755
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-141-755-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 109
US-10-143-032-402
; Sequence 402, Application US/10143032
; Publication No. US20030059909A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C36
; CURRENT APPLICATION NUMBER: US/10/123,108
; CURRENT FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31

; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C245
; CURRENT APPLICATION NUMBER: US/10/143,032
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550.
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-143-032-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
```

```
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 110
US-10-123-108-402
; Sequence 402, Application US/10123108
; Publication No. US20030068793A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C36
; CURRENT APPLICATION NUMBER: US/10/123,108
; CURRENT FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31
```

1 PRIOR APPLICATION NUMBER: 60/063127
1 PRIOR FILING DATE: 1997-10-24
1 PRIOR APPLICATION NUMBER: 60/063327
1 PRIOR FILING DATE: 1997-10-27
1 PRIOR APPLICATION NUMBER: 60/063329
1 PRIOR FILING DATE: 1997-10-27
1 PRIOR APPLICATION NUMBER: 60/063550
1 PRIOR FILING DATE: 1997-10-28
1 PRIOR APPLICATION NUMBER: 60/063561
1 PRIOR FILING DATE: 1997-10-28
1 PRIOR APPLICATION NUMBER: 60/063704
1 PRIOR FILING DATE: 1997-10-29
1 PRIOR APPLICATION NUMBER: 60/063733
1 PRIOR FILING DATE: 1997-10-29
1 PRIOR APPLICATION NUMBER: 60/063735
1 PRIOR FILING DATE: 1997-10-29
1 PRIOR APPLICATION NUMBER: 60/063738
1 PRIOR FILING DATE: 1997-10-29
1 PRIOR APPLICATION NUMBER: 60/063755
1 PRIOR FILING DATE: 1997-10-17
1 PRIOR APPLICATION NUMBER: 60/064248
1 PRIOR FILING DATE: 1997-11-03
1 PRIOR APPLICATION NUMBER: 60/064809
1 PRIOR FILING DATE: 1997-11-07
1 PRIOR APPLICATION NUMBER: 60/065186
1 PRIOR FILING DATE: 1997-11-12
1 PRIOR APPLICATION NUMBER: 60/065846
1 PRIOR FILING DATE: 1997-11-17
1 PRIOR APPLICATION NUMBER: 60/066364
1 PRIOR FILING DATE: 1997-11-21
1 PRIOR APPLICATION NUMBER: 60/066453
1 PRIOR FILING DATE: 1997-11-24
1 PRIOR APPLICATION NUMBER: 60/066511
1 PRIOR FILING DATE: 1997-11-24
1 PRIOR APPLICATION NUMBER: 60/066770
1 PRIOR FILING DATE: 1997-11-24
1 PRIOR APPLICATION NUMBER: 60/069212
1 PRIOR FILING DATE: 1997-12-11
1 PRIOR APPLICATION NUMBER: 60/069278
1 PRIOR FILING DATE: 1997-12-11
1 PRIOR APPLICATION NUMBER: 60/069334
1 PRIOR FILING DATE: 1997-12-11
1 PRIOR APPLICATION NUMBER: 60/069694
1 PRIOR FILING DATE: 1997-12-16
1 PRIOR APPLICATION NUMBER: 60/072320
1 PRIOR FILING DATE: 1998-01-23
1 PRIOR APPLICATION NUMBER: 60/073612
1 PRIOR FILING DATE: 1998-02-04
1 PRIOR APPLICATION NUMBER: 60/074086
1 PRIOR FILING DATE: 1998-02-09
1 PRIOR APPLICATION NUMBER: 60/074092
1 PRIOR FILING DATE: 1998-02-09
1 PRIOR APPLICATION NUMBER: 60/077791
1 PRIOR FILING DATE: 1998-03-12
1 PRIOR APPLICATION NUMBER: 60/078910
1 PRIOR FILING DATE: 1998-03-20
1 PRIOR APPLICATION NUMBER: 60/079294
1 PRIOR FILING DATE: 1998-03-25
1 PRIOR APPLICATION NUMBER: 60/079663
1 PRIOR FILING DATE: 1998-02-27
1 PRIOR APPLICATION NUMBER: 60/079728
1 PRIOR FILING DATE: 1998-03-27
1 PRIOR APPLICATION NUMBER: 60/080165
1 PRIOR FILING DATE: 1998-03-31
1 PRIOR APPLICATION NUMBER: 60/081203
1 PRIOR FILING DATE: 1998-04-09
1 PRIOR APPLICATION NUMBER: 60/081229
1 PRIOR FILING DATE: 1998-04-09
1 PRIOR APPLICATION NUMBER: 60/081695
1 PRIOR FILING DATE: 1998-04-14
1 PRIOR APPLICATION NUMBER: 60/081817
1 PRIOR FILING DATE: 1998-04-15
1 PRIOR APPLICATION NUMBER: 60/081818

1 PRIOR FILING DATE: 1998-04-15
1 PRIOR APPLICATION NUMBER: 60/082999
1 PRIOR FILING DATE: 1998-04-24
1 PRIOR APPLICATION NUMBER: 60/083322
1 PRIOR FILING DATE: 1998-04-28
1 PRIOR APPLICATION NUMBER: 60/083545
1 PRIOR FILING DATE: 1998-04-29
1 PRIOR APPLICATION NUMBER: 60/084600
1 PRIOR FILING DATE: 1998-05-07
1 PRIOR APPLICATION NUMBER: 60/084627
1 PRIOR FILING DATE: 1998-05-07
1 PRIOR APPLICATION NUMBER: 60/084637
1 PRIOR FILING DATE: 1998-05-07
1 PRIOR APPLICATION NUMBER: 60/085149
1 PRIOR FILING DATE: 1998-05-12
1 PRIOR APPLICATION NUMBER: 60/085323
1 PRIOR FILING DATE: 1998-05-13
1 PRIOR APPLICATION NUMBER: 60/085338
1 PRIOR FILING DATE: 1998-05-13
1 PRIOR APPLICATION NUMBER: 60/085339
1 PRIOR FILING DATE: 1998-05-13
1 PRIOR APPLICATION NUMBER: 60/085579
1 PRIOR FILING DATE: 1998-05-15
1 PRIOR APPLICATION NUMBER: 60/085697
1 PRIOR FILING DATE: 1998-05-15
1 PRIOR APPLICATION NUMBER: 60/085704
1 PRIOR FILING DATE: 1998-05-15
1 PRIOR APPLICATION NUMBER: 60/086414
1 PRIOR FILING DATE: 1998-05-22
1 PRIOR APPLICATION NUMBER: 60/086430
1 PRIOR FILING DATE: 1998-05-22
1 PRIOR APPLICATION NUMBER: 60/087106
1 PRIOR FILING DATE: 1998-05-28
1 PRIOR APPLICATION NUMBER: 60/088026
1 PRIOR FILING DATE: 1998-06-04
1 PRIOR APPLICATION NUMBER: 60/088730
1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/088741
1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/088810
1 PRIOR FILING DATE: 1998-06-10
1 PRIOR APPLICATION NUMBER: 60/088858
1 PRIOR FILING DATE: 1998-06-11
1 PRIOR APPLICATION NUMBER: 60/089532
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089599
1 PRIOR FILING DATE: 1998-06-17
1 PRIOR APPLICATION NUMBER: 60/089907
1 PRIOR FILING DATE: 1998-06-18
1 PRIOR APPLICATION NUMBER: 60/089947
1 PRIOR FILING DATE: 1998-06-19
1 PRIOR APPLICATION NUMBER: 60/090349
1 PRIOR FILING DATE: 1998-06-23
1 PRIOR APPLICATION NUMBER: 60/090429
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090445
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090538
1 PRIOR FILING DATE: 1998-06-24
1 PRIOR APPLICATION NUMBER: 60/090863
1 PRIOR FILING DATE: 1998-06-26
1 PRIOR APPLICATION NUMBER: 60/091360
1 PRIOR FILING DATE: 1998-07-01
1 PRIOR APPLICATION NUMBER: 60/091519
1 PRIOR FILING DATE: 1998-07-02
1 PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY

1 MACRCLSPFLMGTFLSVSQTVLALDALLVPPGOVALSCTLSPOHVTIRDYGVSWYQOR 60

```
Db 1 MACRCLSFLLMGTFLSVTSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 111
US-10-123-236-402
; Sequence 402, Application US/10123236
; Publication No. US20030068795A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C33
; CURRENT APPLICATION NUMBER: US/10/123,236
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-236-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVTSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVTSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 112
US-10-123-261-402
; Sequence 402, Application US/10123261
; Publication No. US20030068796A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C33
; CURRENT APPLICATION NUMBER: US/10/123,236
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-261-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVTSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVTSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 113
US-10-140-921-402
; Sequence 402, Application US/10140921
; Publication No. US20030068797A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C175
; CURRENT APPLICATION NUMBER: US/10/140,921
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
```

```
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C42
; CURRENT APPLICATION NUMBER: US/10/123,261
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-261-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVTSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFLSVTSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 113
US-10-140-921-402
; Sequence 402, Application US/10140921
; Publication No. US20030068797A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C175
; CURRENT APPLICATION NUMBER: US/10/140,921
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
```

```
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-921-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTSLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVQTSLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 114
US-10-140-928-402
; Sequence 402, Application US/10140928
; Publication No. US20030068798A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Tamas, Daniel
; APPLICANT: Tamas, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C86
; CURRENT APPLICATION NUMBER: US/10/140,928
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-928-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTSLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVQTSLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123
```

```
RESULT 115
US-10-121-045-402
; Sequence 402, Application US/10121045
; Publication No. US20030073210A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Tamas, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C8
; CURRENT APPLICATION NUMBER: US/10/121,045
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-045-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTSLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVQTSLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 116
US-10-123-292-402
; Sequence 402, Application US/10123292
; Publication No. US20030073211A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Tamas, Colin K
; APPLICANT: Wood, William
```

; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C32
; CURRENT APPLICATION NUMBER: US/10/123,292
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-292-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSGVYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSGVYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 117
US-10-123-903-402
; Sequence 402, Application US/10123903
; Publication No. US20030073212A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C51
; CURRENT APPLICATION NUMBER: US/10/123,903
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-903-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSGVYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSGVYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 118
US-10-124-819-402
; Sequence 402, Application US/10124819
; Publication No. US20030073213A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C85
; CURRENT APPLICATION NUMBER: US/10/124,819
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-124-819-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSGVYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSGVYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 119
US-10-124-822-402
; Sequence 402, Application US/10124822
; Publication No. US20030073214A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang

```

; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C64
; CURRENT APPLICATION NUMBER: US/10/124,822
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-124-822-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTFLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVSQTFLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 120
US-10-140-925-402
; Sequence 402, Application US/10/140925
; Publication No. US20030073215A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C451
; CURRENT APPLICATION NUMBER: US/10/160,498
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-160-498-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTFLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLSVSQTFLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 122
US-10-140-925-402
; Sequence 402, Application US/10/140925
; Publication No. US20030073215A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C187
; CURRENT APPLICATION NUMBER: US/10/140,925
; PRIOR FILING DATE: 2002-05-07
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT

```

US-10-124-824-402

; Sequence 402, Application US/10124824
; Publication No. US20030077659A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C68

; CURRENT APPLICATION NUMBER: US/10/124,824

; CURRENT FILING DATE: 2002-04-17

; Prior Application removed - See Palm or File Wrapper

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 402

; LENGTH: 123

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-124-824-402

Query Match

Best Local Similarity 100.0%; Score 657; DB 14; Length 123;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60

Db 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 123

US-10-127-825A-402

; Sequence 402, Application US/10127825A

; Publication No. US2003007710A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C84

; CURRENT APPLICATION NUMBER: US/10/127,825A

; CURRENT FILING DATE: 2002-04-22

; Prior Application NUMBER: 60/049911

; Prior Filing DATE: 1997-06-18

; Prior Application NUMBER: 60/056974

; Prior Filing DATE: 1997-08-26

; Prior Application NUMBER: 60/059113

; Prior Filing DATE: 1997-09-17

; Prior Application NUMBER: 60/059115

; Prior Filing DATE: 1997-09-17

; Prior Application NUMBER: 60/059117

; Prior Filing DATE: 1997-09-17

; Prior Application NUMBER: 60/059122

; Prior Filing DATE: 1997-09-17

; Prior Application NUMBER: 60/059184

; Prior Filing DATE: 1997-09-17

; Prior Application NUMBER: 60/059263

; Prior Filing DATE: 1997-09-18

; Prior Application NUMBER: 60/059352

; Prior Filing DATE: 1997-09-19

; Prior Application NUMBER: 60/059588

; Prior Filing DATE: 1997-09-19

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 402

; LENGTH: 123

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-127-825A-402

Query Match

Best Local Similarity 100.0%; Score 657; DB 14; Length 123;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60

Db 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120

Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120

QY 121 FSP 123

Db 121 FSP 123

RESULT 124

US-10-127-829A-402

; Sequence 402, Application US/10127829A

; Publication No. US2003007771A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C102
CURRENT APPLICATION NUMBER: US/10/127,835A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-835A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRLSFLMGTFLSVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRLSFLMGTFLSVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYICSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYICSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 125
US-10-127-835A-402
Sequence 402, Application US/10127835A
Publication No. US2003007712A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C105

FILE REFERENCE: P3330R1C102
CURRENT APPLICATION NUMBER: US/10/127,835A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-835A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRLSFLMGTFLSVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRLSFLMGTFLSVSQTVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYICSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQPEDDADYICSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 126
US-10-127-839A-402
Sequence 402, Application US/10127839A
Publication No. US2003007713A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C105


```

; CURRENT APPLICATION NUMBER: US/10/127,839A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-839A-402

```

```

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLMGTFLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLMGTFLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

```

```

RESULT 127
US-10-127-901A-402
; Sequence 402, Application US/10127901A
; Publication No. US2003007714A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P33301C86
; CURRENT APPLICATION NUMBER: US/10/127,901A

```

```

; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-901A-402

```

```

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLMGTFLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLMGTFLVSQTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

```

```

RESULT 128
US-10-128-693A-402
; Sequence 402, Application US/10128693A
; Publication No. US2003007715A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P33301C120
; CURRENT APPLICATION NUMBER: US/10/128,693A
; CURRENT FILING DATE: 2002-04-23

```

```

; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-128-693A-402

```

```

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACCLFLMGTLSVSOTVLAQLDALLVFPQVQVQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACCLFLMGTLSVSOTVLAQLDALLVFPQVQVQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISFVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISFVQPEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

```

```

RESULT 129
US-10-131-813A-402
; Sequence 402, Application US/10131813A
; Publication No. US2003007716A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C139
; CURRENT APPLICATION NUMBER: US/10/131.813A
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911

```

```

; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-813A-402

```

```

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACCLFLMGTLSVSOTVLAQLDALLVFPQVQVQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACCLFLMGTLSVSOTVLAQLDALLVFPQVQVQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISFVQPEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLITISFVQPEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

```

```

RESULT 130
US-10-131-818A-402
; Sequence 402, Application US/10131818A
; Publication No. US2003007717A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C141
; CURRENT APPLICATION NUMBER: US/10/131.818A
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18

```

; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-818A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-823A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 131
US-10-131-823A-402
; Sequence 402, Application US/10131823A
; Publication No. US20030077718A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Tamas, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C143
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: US/10/131,823A
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974

RESULT 132
US-10-131-824A-402
; Sequence 402, Application US/10131824A
; Publication No. US20030077719A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Tamas, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C126
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: US/10/131,824A
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-824A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACCLSLFLLMGTLFSLVSQTVLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACCLSLFLLMGTLFSLVSQTVLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNAACVLITISVPQEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNAACVLITISVPQEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 133
US-10-131-830A-402
; Sequence 402, Application US/10131830A
; Publication No. US2003007720A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C137
; CURRENT APPLICATION NUMBER: US/10/131,830A
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-830A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACCLSLFLLMGTLFSLVSQTVLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACCLSLFLLMGTLFSLVSQTVLAQLDALLVFPFGVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNAACVLITISVPQEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNAACVLITISVPQEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 134
US-10-131-837A-402
; Sequence 402, Application US/10131837A
; Publication No. US2003007721A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C131
; CURRENT APPLICATION NUMBER: US/10/131,837A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17

;; PRIOR APPLICATION NUMBER: 60/059115
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059117
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059122
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059184
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059263
;; PRIOR FILING DATE: 1997-09-18
;; PRIOR APPLICATION NUMBER: 60/059352
;; PRIOR FILING DATE: 1997-09-19
;; PRIOR APPLICATION NUMBER: 60/059588
;; PRIOR FILING DATE: 1997-09-19
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 550
;; SEQ ID NO 402
;; LENGTH: 123
;; TYPE: PRT
;; ORGANISM: Homo Sapien
US-10-131-837A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db |||||
QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db |||||
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISFPQEDDADYCVSGYG 120
Db |||||
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISFPQEDDADYCVSGYG 120
QY 121 FSP 123
Db |||||
QY 121 FSP 123
Db |||||

RESULT 135
US-10-137-872A-402
;; Sequence 402, Application US/10137872A
;; Publication No. US2003007722A1
;; GENERAL INFORMATION:
;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Beresini, Maureen
;; APPLICANT: DeForge, Laura
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerritsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Sherwood, Steven
;; APPLICANT: Smith, Victoria
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tamas, Daniel
;; APPLICANT: Watanabe, Colin K
;; APPLICANT: Wood, William
;; APPLICANT: Zhang, Zemin
;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;; FILE REFERENCE: P3330R1C150
;; CURRENT APPLICATION NUMBER: US/10/137, 872A
;; CURRENT FILING DATE: 2002-05-03
;; PRIOR APPLICATION NUMBER: 60/049911
;; PRIOR FILING DATE: 1997-06-18
;; PRIOR APPLICATION NUMBER: 60/056974
;; PRIOR FILING DATE: 1997-08-26
;; PRIOR APPLICATION NUMBER: 60/059113
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059115

;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059117
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059122
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059184
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059263
;; PRIOR FILING DATE: 1997-09-18
;; PRIOR APPLICATION NUMBER: 60/059352
;; PRIOR FILING DATE: 1997-09-19
;; PRIOR APPLICATION NUMBER: 60/059588
;; PRIOR FILING DATE: 1997-09-19
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 550
;; SEQ ID NO 402
;; LENGTH: 123
;; TYPE: PRT
;; ORGANISM: Homo Sapien
US-10-137-872A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db |||||
QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db |||||
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISFPQEDDADYCVSGYG 120
Db |||||
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISFPQEDDADYCVSGYG 120
QY 121 FSP 123
Db |||||
QY 121 FSP 123
Db |||||

RESULT 136
US-10-147-500-402
;; Sequence 402, Application US/10147500
;; Publication No. US2003007723A1
;; GENERAL INFORMATION:
;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Beresini, Maureen
;; APPLICANT: DeForge, Laura
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerritsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Sherwood, Steven
;; APPLICANT: Smith, Victoria
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tamas, Daniel
;; APPLICANT: Watanabe, Colin K
;; APPLICANT: Wood, William
;; APPLICANT: Zhang, Zemin
;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;; FILE REFERENCE: P3330R1C325
;; CURRENT APPLICATION NUMBER: US/10/147,500
;; CURRENT FILING DATE: 2002-05-16
;; Prior Application removed - See File Wrapper or Palm
;; NUMBER OF SEQ ID NOS: 550
;; SEQ ID NO 402
;; LENGTH: 123
;; TYPE: PRT
;; ORGANISM: Homo Sapien
US-10-147-500-402

Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120

QY 121 FSP 123
 DB 121 FSP 123

RESULT 137

US-10-147-502-402
 ; Sequence 402, Application US/10147502
 ; Publication No. US2003007724A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C342
 ; CURRENT APPLICATION NUMBER: US/10/147,515
 ; CURRENT FILING DATE: 2002-05-17
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-147-515-402

Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120

QY 121 FSP 123
 DB 121 FSP 123

RESULT 139

US-10-147-517-402
 ; Sequence 402, Application US/10147517
 ; Publication No. US2003007726A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C337

RESULT 138

US-10-147-515-402
 ; Sequence 402, Application US/10147515
 ; Publication No. US2003007725A1

Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120

QY 121 FSP 123
 DB 121 FSP 123

```
; CURRENT APPLICATION NUMBER: US/10/147,517
; CURRENT FILING DATE: 2002-05-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-517-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVGTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVGTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123

RESULT 140
US-10-147-526-402
; Sequence 402, Application US/10147526
; Publication No. US2003007727A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C343
; CURRENT APPLICATION NUMBER: US/10/147,526
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-526-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVGTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVGTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123
```

```
RESULT 141
US-10-147-527-402
; Sequence 402, Application US/10147527
; Publication No. US2003007728A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C353
; CURRENT APPLICATION NUMBER: US/10/147,527
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-527-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVGTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVGTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120

QY 121 FSP 123
DB 121 FSP 123
```

```
RESULT 142
US-10-147-528-402
; Sequence 402, Application US/10121041
; Publication No. US2003007776A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
US-10-147-528-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVGTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVGTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
```

```

; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C9
; CURRENT APPLICATION NUMBER: US/10/121,041
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-041-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFELSVSQTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFELSVSQTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 143
US-10-121-043-402
; Sequence 402, Application US/10121043
; Publication No. US2003007777A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C5
; CURRENT APPLICATION NUMBER: US/10/121,043
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-043-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFELSVSQTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFELSVSQTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 144
US-10-121-047-402
; Sequence 402, Application US/10121047
; Publication No. US2003007777A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C4
; CURRENT APPLICATION NUMBER: US/10/121,047
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-047-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFELSVSQTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFELSVSQTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 145
US-10-123-215-402
; Sequence 402, Application US/10123215
; Publication No. US2003007780A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C5
; CURRENT APPLICATION NUMBER: US/10/121,043
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-043-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFELSVSQTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSFLLMGTFELSVSQTVLAQLDALLVFPFGQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVPQEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123
```



```

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C41
; CURRENT APPLICATION NUMBER: US/10/123,215
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-215-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60
Db 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 145
US-10-123-902-402
; Sequence 402, Application US/10123902
; Publication No. US20030077781A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C41
; CURRENT APPLICATION NUMBER: US/10/123,908
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-908-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60
Db 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 146
US-10-123-902-402
; Sequence 402, Application US/10123902
; Publication No. US20030077781A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C41
; CURRENT APPLICATION NUMBER: US/10/123,902

```

```

; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-902-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60
Db 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 147
US-10-123-908-402
; Sequence 402, Application US/10123908
; Publication No. US20030077782A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C44
; CURRENT APPLICATION NUMBER: US/10/123,908
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-908-402

Query Match      100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60
Db 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLTISPQVEDDADYYCSVGYG 120

```

QY 121 FSP 123
 Db 121 FSP 123

RESULT 148

US-10-123-909-402

; Sequence 402, Application US/10123909

; Publication No. US2003007783A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C49

; CURRENT APPLICATION NUMBER: US/10/123,909

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 402

; LENGTH: 123

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-123-909-402

Query Match 100.0%; Score 657; DB 14; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 Db 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLITISVPQEDDADYYCSVGYG 120
 Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLITISVPQEDDADYYCSVGYG 120

QY 121 FSP 123
 Db 121 FSP 123

RESULT 149

US-10-123-910-402

; Sequence 402, Application US/10123910

; Publication No. US2003007784A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C45
 ; CURRENT APPLICATION NUMBER: US/10/123,910
 ; CURRENT FILING DATE: 2002-04-16
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-123-910-402

Query Match 100.0%; Score 657; DB 14; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60
 Db 1 MACRCLSFLLMGTFLSVQTSLVLAQLDALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLITISVPQEDDADYYCSVGYG 120
 Db 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAAKDEAHNACVLITISVPQEDDADYYCSVGYG 120

QY 121 FSP 123
 Db 121 FSP 123

RESULT 150

US-10-124-813-402

; Sequence 402, Application US/10124813

; Publication No. US2003007785A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C67

; CURRENT APPLICATION NUMBER: US/10/124,813

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 402

; LENGTH: 123

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-124-813-402

Query Match 100.0%; Score 657; DB 14; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVQTSLVLAQDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVQTSLVLAQDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 151

US-10-124-817-402
; Sequence 402, Application US/10124817
; Publication No. US2003007786A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C56
; CURRENT APPLICATION NUMBER: US/10/124,817
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-124-817-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVQTSLVLAQDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVQTSLVLAQDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 152

US-10-125-922-402
; Sequence 402, Application US/10125922
; Publication No. US2003007788A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C73
; CURRENT APPLICATION NUMBER: US/10/125,922
; CURRENT FILING DATE: 2002-04-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 402
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-125-922-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLSVQTSLVLAQDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVQTSLVLAQDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISPVQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 153

US-10-125-924-402
; Sequence 402, Application US/10125924
; Publication No. US2003007788A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C75
; CURRENT APPLICATION NUMBER: US/10/125,924
; CURRENT FILING DATE: 2002-04-19

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 402

; LENGTH: 123

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-125-924-402

Query Match

Best Local Similarity 100.0%; Score 657; DB 14; Length 123;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSQTVAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

DB 1 MACRCLSFLLMGTFLSVSQTVAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQQR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYYCSVGYG 120

DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYYCSVGYG 120

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

QY 121 FSP 123

DB 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

Db 121 FSP 123

APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C346
CURRENT APPLICATION NUMBER: US/10/147,519
Prior Application removed - 2002-05-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-147-519-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 157
US-10-157-782-402
; Sequence 402, Application US/10157782
; Publication No. US2003007792A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C405
CURRENT APPLICATION NUMBER: US/10/157,782
Prior Application removed - 2002-05-21
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-157-782-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 158
US-10-152-395-402
; Sequence 402, Application US/10152395
; Publication No. US20030078377A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C405
CURRENT APPLICATION NUMBER: US/10/152,395
CURRENT FILING DATE: 2002-05-21
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-152-395-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 159
US-10-125-926A-402
; Sequence 402, Application US/10125926A
; Publication No. US20030082686A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen

APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C346
CURRENT APPLICATION NUMBER: US/10/147,519
Prior Application removed - 2002-05-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-147-519-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 157
US-10-157-782-402
; Sequence 402, Application US/10157782
; Publication No. US2003007792A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C405
CURRENT APPLICATION NUMBER: US/10/157,782
Prior Application removed - 2002-05-21
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-157-782-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 158
US-10-152-395-402
; Sequence 402, Application US/10152395
; Publication No. US20030078377A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C405
CURRENT APPLICATION NUMBER: US/10/152,395
CURRENT FILING DATE: 2002-05-21
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-152-395-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
DB 1 MACRCLSFLLMGTFLSVSTVLAQLDALLVFPQVAQLSCTLSPOHVTIRDYGVSWYQOR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYYCSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 159
US-10-125-926A-402
; Sequence 402, Application US/10125926A
; Publication No. US20030082686A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C80

CURRENT APPLICATION NUMBER: US/10/125,926A

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/043911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 402

LENGTH: 123

TYPE: PRT

ORGANISM: Homo Sapien

US-10-125-926A-402

Query Match 100.0%; Score 657; DB 14; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLSLFLMGTFSLVSQTVLAQLDALLVPPGVAQLSCTLSFQHVITRDYGVSWYQQR 60

Db 1 MACRCLSLFLMGTFSLVSQTVLAQLDALLVPPGVAQLSCTLSFQHVITRDYGVSWYQQR 60

Qy 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120

Db 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120

Qy 121 FSP 123

Db 121 FSP 123

RESULT 160

US-10-125-930A-402

Sequence 402, Application US/10125930A

Publication No. US20030082687A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C78

CURRENT APPLICATION NUMBER: US/10/125,930A

CURRENT FILING DATE: 2002-04-19

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 402

LENGTH: 123

TYPE: PRT

ORGANISM: Homo Sapien

US-10-125-930A-402

Query Match 100.0%; Score 657; DB 14; Length 123;

Best Local Similarity 100.0%; Pred. No. 3.4e-64;

Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MACRCLSLFLMGTFSLVSQTVLAQLDALLVPPGVAQLSCTLSFQHVITRDYGVSWYQQR 60

Db 1 MACRCLSLFLMGTFSLVSQTVLAQLDALLVPPGVAQLSCTLSFQHVITRDYGVSWYQQR 60

Qy 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120

Db 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAAKDEAHNACVLTISPVQPEDDADYYCSVGYG 120

Qy 121 FSP 123

Db 121 FSP 123

RESULT 161

US-10-127-831A-402

Sequence 402, Application US/10127831A

Publication No. US20030082689A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C107
CURRENT APPLICATION NUMBER: US/10/127,831A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-831A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYICSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYICSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 162
US-10-127-837A-402
Sequence 402, Application US/10127837A
Publication No. US2003008269A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C96
CURRENT APPLICATION NUMBER: US/10/127,837A
CURRENT FILING DATE: 2002-10-17
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-837A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFLLSVQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYICSVGYG 120
DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYICSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 163
US-10-127-838B-402
Sequence 402, Application US/10127838B
Publication No. US20030082691A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C98
 ; CURRENT APPLICATION NUMBER: US/10/127,838B
 ; CURRENT FILING DATE: 2002-04-22
 ; PRIOR APPLICATION NUMBER: 60/049911
 ; PRIOR FILING DATE: 1997-06-18
 ; PRIOR APPLICATION NUMBER: 60/056974
 ; PRIOR FILING DATE: 1997-08-26
 ; PRIOR APPLICATION NUMBER: 60/059113
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059115
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059117
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059122
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059184
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059263
 ; PRIOR FILING DATE: 1997-09-18
 ; PRIOR APPLICATION NUMBER: 60/059352
 ; PRIOR FILING DATE: 1997-09-19
 ; PRIOR APPLICATION NUMBER: 60/059588
 ; PRIOR FILING DATE: 1997-09-19
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-127-838B-402

Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRLSFLMGTLFSLVSQTVLAQLDALLVPPGQVAQLSCTLSFQHWVTIRDYGVSWYQQR 60
 DB 1 MACRLSFLMGTLFSLVSQTVLAQLDALLVPPGQVAQLSCTLSFQHWVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYICSVGYG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYICSVGYG 120
 QY 121 FSP 123
 DB 121 FSP 123

RESULT 164

US-10-127-842A-402
 ; Sequence 402, Application US/10127842A
 ; Publication No. US20030082692A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C100
 ; CURRENT APPLICATION NUMBER: US/10/127,842A
 ; CURRENT FILING DATE: 2002-10-15
 ; PRIOR APPLICATION NUMBER: 60/049911
 ; PRIOR FILING DATE: 1997-06-18
 ; PRIOR APPLICATION NUMBER: 60/056974
 ; PRIOR FILING DATE: 1997-08-26
 ; PRIOR APPLICATION NUMBER: 60/059113
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059115
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059117
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059122
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059184
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059263
 ; PRIOR FILING DATE: 1997-09-18
 ; PRIOR APPLICATION NUMBER: 60/059352
 ; PRIOR FILING DATE: 1997-09-19
 ; PRIOR APPLICATION NUMBER: 60/059588
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 402
 ; LENGTH: 123
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-127-842A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
 Best Local Similarity 100.0%; Pred. No. 3.4e-64;
 Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MACRLSFLMGTLFSLVSQTVLAQLDALLVPPGQVAQLSCTLSFQHWVTIRDYGVSWYQQR 60
 DB 1 MACRLSFLMGTLFSLVSQTVLAQLDALLVPPGQVAQLSCTLSFQHWVTIRDYGVSWYQQR 60
 QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYICSVGYG 120
 DB 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLITISVPQEDDADYICSVGYG 120
 QY 121 FSP 123
 DB 121 FSP 123

RESULT 165

US-10-127-843A-402
 ; Sequence 402, Application US/10127843A
 ; Publication No. US20030082693A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C99
CURRENT APPLICATION NUMBER: US/10/127,843A
CURRENT FILING DATE: 2002-04-22
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-843A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSLFLMGTFLLSVSTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSLFLMGTFLLSVSTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYICSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYICSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 166
US-10-127-845A-402
Sequence 402, Application US/10127845A
Publication No. US2003008269A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C93
CURRENT APPLICATION NUMBER: US/10/127,845A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-845A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSLFLMGTFLLSVSTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSLFLMGTFLLSVSTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYICSVGYG 120
DB 61 AGSAPRYLLYYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYICSVGYG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 167
US-10-127-846A-402
Sequence 402, Application US/10127846A
Publication No. US20030082695A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C94
CURRENT APPLICATION NUMBER: US/10/127,846A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-846A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSLFLLMGTFSLVSQTVLAQLDALLVFPQVQVQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSLFLLMGTFSLVSQTVLAQLDALLVFPQVQVQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 168
US-10-127-848A-402
Sequence 402, Application US/10127848A
Publication No. US20030082696A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C106
CURRENT APPLICATION NUMBER: US/10/127,848A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-848A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MACRCLSLFLLMGTFSLVSQTVLAQLDALLVFPQVQVQLSCTLSPOHVTIRDYGVSWYQQR 60
Db 1 MACRCLSLFLLMGTFSLVSQTVLAQLDALLVFPQVQVQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQVEDDADYYCSVGYG 120
QY 121 FSP 123
Db 121 FSP 123

RESULT 169
US-10-127-849A-402
Sequence 402, Application US/10127849A
Publication No. US20030082697A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria

APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCES: P3330R1C103
CURRENT FILING DATE: 2002-10-15
CURRENT APPLICATION NUMBER: US/10/127,850A
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-850A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 171
US-10-127-851A-402
Sequence 402, Application US/10127851A
Publication No. US20030082699A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel

APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCES: P3330R1C103
CURRENT FILING DATE: 2002-04-23
CURRENT APPLICATION NUMBER: US/10/127,849A
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-849A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
DB 1 MACRCLSFLLMGTFSLVSQTVLAQLDALLVFPQVQAQLSCTLSPOHVTIRDYGVSWYQQR 60
QY 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVG 120
DB 61 AGSAPRYLLYRSEEDHHRPADIPDRFSAKDEAHNACVLTISPVQPEDDADYYCSVG 120
QY 121 FSP 123
DB 121 FSP 123

RESULT 170
US-10-127-850A-402
Sequence 402, Application US/10127850A
Publication No. US20030082698A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.

APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C87
CURRENT APPLICATION NUMBER: US/10/127.851A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-851A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACCLSLMGTPLSVQNTVLAQDLALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQOR 60
Db 1 MACCLSLMGTPLSVQNTVLAQDLALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYCVSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYCVSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 172
US-10-128-686A-402
Sequence 402, Application US/10128684A
Publication No. US20030082700A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William

APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C118
CURRENT APPLICATION NUMBER: US/10/128.684A
CURRENT FILING DATE: 2002-04-23
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 402
LENGTH: 123
TYPE: PRT
ORGANISM: Homo Sapien
US-10-128-684A-402

Query Match 100.0%; Score 657; DB 14; Length 123;
Best Local Similarity 100.0%; Pred. No. 3.4e-64;
Matches 123; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MACCLSLMGTPLSVQNTVLAQDLALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQOR 60
Db 1 MACCLSLMGTPLSVQNTVLAQDLALLVPPGVAQLSCTLSPOHVTIRDYGVSWYQOR 60

QY 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYCVSVGYG 120
Db 61 AGSAPRYLLYRSEEDHRRPADIPDRFSAKDEAHNACVLTISPQPEDDADYCVSVGYG 120

QY 121 FSP 123
Db 121 FSP 123

RESULT 173
US-10-128-686A-402
Sequence 402, Application US/10128686A
Publication No. US20030082701A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William